



**U.S. Department of Transportation
Research and Special Programs Administration
John A. Volpe National Transportation Systems Center
Environmental Engineering Division, DTS-33**

SOIL ANALYSIS RESULTS SUMMARY

**ENVIRONMENTAL PROTECTION AGENCY
Region 8**

LIBBY ASBESTOS PROJECT

January 4, 2001

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1.0 Introduction

The John A. Volpe National Transportation Systems Center (Volpe Center) is assisting the U.S. Environmental Protection Agency (EPA) with the Libby Asbestos Project. The Town of Libby is located in northwestern Montana approximately 25 miles east of Idaho and 40 miles south of Canada. According to historical mining records, 80% of the world's vermiculite came from the Zonolite Mountains in Libby. Vermiculite was used in various building materials and textiles. Along with the enormous deposits of vermiculite mined in the Zonolite Mountain, millions of tons of tremolite, a rare and exceedingly toxic form of asbestos was released. The asbestos is suspected to be affecting the health of the residents of Libby.

As part of this project, the Volpe Center is conducting soil removal activities at the former W.R. Grace Screening Facilities in Libby, Montana. The asbestos contaminated soil is being excavated and stockpiled on-site. Eventually, it will be transported for final disposal at a location to be determined. Prior to backfilling, a common fill borrow source is needed to be sampled and selected. Common fill will be used to replace the excavated asbestos-contaminated soil.

1.1 Site Location

The Screening Facility is located in Libby, Montana. The Screening Facility is accessed by Montana Highway 37 and located approximately 5 miles northeast of downtown Libby.

2.0 Clean Fill

Solicitation No. DTRS57-00-R-20027 was released for bid proposals on July 10, 2000. The solicitation requested bid proposals from vendors to provide clean fill that will be used as part of the site remediation and restoration at the Screening Facility in the town of Libby, Montana. The clean fill is defined as per the Administrative Rules of Montana (ARM), Title 17 – Environmental Quality Part 2, Solid Waste Management Section. The Solid Waste Management Rule: solid dirt, gravel, rocks and rebar-free concrete, emplaced free of charge to the person placing fill, in order to adjust topographic irregularities for agricultural or construction purposes. A Soil Analysis Report will be required from a laboratory. Prior to acceptance, the fill must not contain asbestos and meet government specifications.

Several vendors responded with clean fill bid proposals for Solicitation No. DTRS57-00-R-20027. The vendors and their sources are as listed:

- Associated Products
- Pumco, Inc.

- Birk Construction
- Remp Sand & Gravel, Inc.
- Diversified Industries & Investments, Inc.
- Kendall Ward Trucking and Excavation

2.1 Locations

After the suppliers were identified, the Volpe Center and their contractor, CDM Federal Programs Corporation (CDM Federal), conducted sampling of borrow soils from suppliers' clean fill sources:

Vendors - Borrowed Soils

- Associated Products - Louis Burrell
- Pumco, Inc. - Nixon (Area 1 & 2)
- Birk Construction - Plum Creek, Nixon (Area 1 & 2)
- Remp Sand & Gravel - Remp
- Diversified Industries & Investments - Remp
- Kendall Ward - Nixon and Troy Sand & Gravel

A total of 67 samples were collected for analysis, of which 3 were blank samples needed for quality control/assurance (See Appendix A). These locations were sampled for asbestos, environmental and/or geotechnical testing. The samples were collected using the following procedure:

- A sampling hole 18 to 24 inches deep was excavated with a decontaminated shovel.
- A sample was collected from the sidewall of the hole at a depth of 12 inches below the ground surface.
- All sample containers for pollutant analysis were provided by EMSL. Using the decontaminated sampling implement, samples for volatile organic analysis were collected first and placed in the glass sample container with the least disturbance possible. Subsequent samples for non-volatile organics, metals, and asbestos were prepared after thoroughly mixing an adequate amount of sample in a decontaminated stainless steel bowl. Samples required a one-gallon zip-top bag filled halfway.

Due to time constraints, a visual inspection of borrow sources was done prior to any laboratory testing. Based on this inspection, the fill source was deemed adequate to meet the government geotechnical specifications. If it passed the visual inspection, the source sample would be tested for geotechnical and environmental parameters. If not, it would be tested only for geotechnical parameters for documentation purposes.

Some vendors proposed the same borrow sources. Therefore, the sources only had to be sampled one time. Final acceptance was based upon price when sample results were acceptable.

2.2 Asbestos Results

There were 37 samples tested for asbestos. The Volpe Center tasked the laboratory, EMSL Analytical, Inc. (EMSL), to analyze the soil samples for asbestos. EMSL used the Polarized Light Microscopy (PLM) method to test for the presence of asbestos. EMSL also tested the samples according to the NIOSH 9002 standard. Of the total data received, only one sample contained <1% of tremolite-actinolite (See Appendix A). According to specification requirements, the clean fill must not contain any asbestos in order to be considered for acceptance. Therefore, this sample did not meet specifications and the vendors, Remp Sand & Gravel and Diversified Industries & Investments, were eliminated as possible fill material sources. The vendors were notified that their sample did not meet government specifications and contained asbestos.

2.3 Environmental Results

There were 56 samples tested for environmental results. The Volpe Center tasked CDM to analyze the soil samples for Total Petroleum Hydrocarbons, Polynuclear Aromatics Hydrocarbons, Volatile Organic Analysis, Pesticides/Polychlorinated Biphenyls, and Priority Pollutant Metals. The Massachusetts Contingency Plan (MCP) minimum reportable concentrations were used as a guideline to determine if the source material was free from environmental contamination (see Appendix A). Montana currently does not have any contingency plans or other guidelines for determining the minimal reportable quantities of environmental contamination. The MCP was also used instead of the national contingency plan because it has stricter standards for determining the minimum reportable concentrations of environmental contamination.

CDM used four references for their laboratory methods. The following are the laboratory methods used to determine the environmental data:

Solids, Total	2540G(1)
Hydrocarbons, Total	418.1(2)
Metals, Total	3015(3), 3051(3), 200.7(4)
Mercury	7470A(3), 7471A(3), 245.2(2)
All other metals except Mercury	6010B(3)
VOC	8260B(3)
PNA	8270C(3)
PCB	8082/8081(3)

Most of the results of the sampling were below the MCP reportable concentrations. However, three samples had environmental results that were above the MCP reportable concentrations. The first sample, IR-02549 located at Nixon Property 1, had antimony (370 mg/kg), arsenic (110 mg/kg) and lead (990 mg/kg) above the MCP reportable concentrations (See Appendix A). The

1 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th edition, 1992.

2 Methods for Chemical Analysis of Water and Wastes. EPA 600/4-82-005, 1982.

3 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846 Update III, 1997.

4 Methods for Determination of Metals in Environmental Samples, Supplemental I. EPA/600/R-94/111, May 1994.

second sample, IR-02570 located on Nixon Property 2, had antimony (360 mg/kg), arsenic (96 mg/kg) and lead (860 mg/kg) above the reportable concentrations. The third sample, IR-02572, is a field blank sample and it had hydrocarbons (210 mg/kg) above the reportable concentrations. Per EPA direction, these materials were considered acceptable as a fill source since the environmental constituents were low.

2.4 Geotechnical Results

Government specifications for geotechnical properties of the common fill materials were that the common fill must be gravel, sand gravel, or gravelly sand free of organic material, loam, wood, trash, snow, ice, frozen soil, and other objectionable material and must be graded to the following specifications. The soil must conform to ASTM C33 for fine aggregate. The common fill, as stated in the construction specifications, is an "all purpose" relatively well graded granular material with less than 10 percent fines:

<u>Sieve</u>	<u>Percent Passing</u>
6 inches	100
No. 4	20 - 70
No. 200	0 - 10

In addition to the geotechnical government specifications, the owner also required that oil to have specific agronomic properties. The owner indicated a preference for a soil with agronomic properties similar to the properties in the table below:

Percentages			Classification
Sand	Clay	Silt	
39.0%	10.0%	51.0%	Silt Loam/ Loam
		26%	Silt Loam

There were 9 samples tested for geotechnical and agronomic aspects. Two out of the nine samples met all the geotechnical sieve requirements. These two samples were Louis Burrell Upslope (IR-02541) and Plum Creek (IR-02684). The remaining seven samples did not meet the government specifications. However, since the Nixon borrow source met the owner's agronomic aspects (see Appendix B, Table 2), it was still considered as a potential fill source.

Remp (IR-02048), Nixon-1 (IR-02551), Ward Lower (IR-02687), Nixon-1 (IR-02691), Kendall Ward (IR-02044), and Nixon-3 (IR-02600) did not fall within the recommended percentage range for No. 200 sieve (% fines). These sources, with the exception of Nixon, were eliminated as possible fill sources. Louis Burrell Downslope (IR-02543) was eliminated next because it did not fall within the No. 20 sieve recommended percentage range. Louis Burrell Upslope and Plum Creek met all the recommended sieve percentages and can, therefore, be used as possible fill sources (See Appendix B). Plum Creek was selected as a fill source over Louis Burrell Upslope based on price. Nixon source was selected for its agronomic properties.

The Plum Creek fill source met all the government geotechnical specifications and would be used as a fill source for the areas that have buildings and other structures on the owners'

property. The Nixon fill source met all the agronomic specifications and would be used as a fill source for the owners' orchard area.

2.5 Conclusion

There were six suppliers who submitted clean fill proposals. Each of the vendors had to have their clean fill sources tested for asbestos, environmental and geotechnical parameters. The vendors' soil must not contain any asbestos and meet government specifications for environmental and geotechnical aspects. The suppliers selected were Birk Construction and Kendall Ward Trucking & Excavation because they met the parameters as specified by the government. The final selection criteria were price per cubic yard. Based upon these criteria, the Plum Creek source was selected over the Louis Burrell (Associated Products) source.

3.0 Stockpiled Soil

As part of the soil removal activities, the asbestos contaminated soil is being excavated and stockpiled on-site. Eventually, the stockpiled soil will be transported for final disposal at a location to be determined.

As part of the EPA's effort to dispose of the stockpiled asbestos contaminated soil at the W.R. Grace mine site, soil sampling and analysis was conducted. Soil samples from the stockpiled material were analyzed for environmental parameters. Following is a list of samples taken from the stockpiled asbestos containing soil located at the screening facility:

Non-borrowed Soils

- Stockpile 1
- Stockpile 2
- Stockpile 3
- Stockpile 4
- Stockpile 5
- Stockpile 6

The same procedure used to collect clean fill soil samples (see Section 2.1) was used to collect samples for the stockpiled soil.

3.1 Results

The stockpiled soil was analyzed by CDM for the following environmental aspects: Total Petroleum Hydrocarbons, Polynuclear Aromatics Hydrocarbons, Volatile Organize Analysis, Pesticides/Polychlorinated Biphenyls, Priority Pollutant Metals and Herbicides. The Massachusetts Contingency Plan (MCP) minimum reportable concentrations were used as a guideline to determine if the source material was free from environmental contamination (Appendix A). Refer to Section 2.3 detailing why the MCP was used as a guideline instead of the National Contingency Plan or Montana environmental laws and regulations.

CDM used the following references for the laboratory analysis methods:

Solids, Total	2540G(5)
Hydrocarbons, Total	418.1(6)
Metals, Total	3015(7), 3051(7), 200.7(8)
Mercury	7470A(7), 7471A(7), 245.2(6)
All other metals except Mercury	6010B(7)
VOC	8260B(7)
PNA	8270C(7)
PCB	8082/8081(7)
Herbicides	8151A(7)

All of the sampling results were below the MCP reportable concentrations.

3.2 Conclusion

The stockpiled soil contained no contamination other than asbestos.

5 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th edition, 1992.

6 Methods for Chemical Analysis of Water and Wastes. EPA 600/4-82-005, 1982.

7 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846 Update III, 1997.

8 Methods for Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111, May 1994.

Appendix A
Asbestos/Environmental Sampling Results

LOCATION NAME			Ward		Ward		Ward		Remp		Remp		Remp	
LOCATION	Reportable Conc.	(MA MCP)	1R-02041		1R-02042		1R-02043		1R-02045		1R-02046		1R-02047	
SAMPLING DATE			19-Sep-00		19-Sep-00		19-Sep-00		19-Sep-00		19-Sep-00		19-Sep-00	
LAB SAMPLE ID	S1 soils	Units	L0008406-05		Units	L0008406-06	Units	L0008406-07	Units	L0008406-08	Units	L0008406-09	Units	
PARAMETER														
Asbestos			0	%	0	%	0	%	<1	%	0	%	0	%
Solids, Total			99	%	83	%	99	%	98	%	97	%	98	%
Hydrocarbons, Total(IR)	200	mg/kg			55	mg/kg	<40	mg/kg	<41	mg/kg	<41	mg/kg	<41	mg/kg
METALS														
Antimony, Total	10	mg/kg			<2.4	mg/kg	<2	mg/kg	<2	mg/kg	<2	mg/kg	<2	mg/kg
Arsenic, Total	30	mg/kg			2	mg/kg	2.5	mg/kg	2	mg/kg	2.8	mg/kg	2	mg/kg
Beryllium, Total	0.7	mg/kg			<0.24	mg/kg	<0.2	mg/kg	<0.2	mg/kg	<0.2	mg/kg	<0.2	mg/kg
Cadmium, Total	30	mg/kg			<0.47	mg/kg	<0.4	mg/kg	<0.41	mg/kg	<0.41	mg/kg	<0.41	mg/kg
Chromium, Total	1000	mg/kg			2.7	mg/kg	3.8	mg/kg	2.7	mg/kg	2.7	mg/kg	3	mg/kg
Copper, Total	1000	mg/kg			5.4	mg/kg	7	mg/kg	7	mg/kg	5.8	mg/kg	5.6	mg/kg
Lead, Total	300	mg/kg			3.4	mg/kg	5.3	mg/kg	3.6	mg/kg	3.4	mg/kg	3.6	mg/kg
Mercury, Total	20	mg/kg			<0.3	mg/kg	<0.25	mg/kg	<0.26	mg/kg	<0.26	mg/kg	<0.26	mg/kg
Nickel, Total	300	mg/kg			4.2	mg/kg	5.7	mg/kg	4.1	mg/kg	4.3	mg/kg	4.4	mg/kg
Selenium, Total	400	mg/kg			<0.95	mg/kg	<0.8	mg/kg	<0.81	mg/kg	<0.82	mg/kg	<0.81	mg/kg
Silver, Total	100	mg/kg			<0.47	mg/kg	<0.4	mg/kg	<0.41	mg/kg	<0.41	mg/kg	<0.41	mg/kg
Thallium, Total	8	mg/kg			<0.95	mg/kg	<0.8	mg/kg	<0.81	mg/kg	<0.82	mg/kg	<0.81	mg/kg
Zinc, Total	2500	mg/kg			15	mg/kg	20	mg/kg	14	mg/kg	15	mg/kg	16	mg/kg
VOCs														
Methylene chloride	8	mg/kg	<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg	<29	ug/kg
1,1-Dichloroethane	2500	mg/kg	<8.6	ug/kg	<9.9	ug/kg	<8.9	ug/kg	<8.6	ug/kg	<8.7	ug/kg	<8.7	ug/kg
Chloroform			<8.6	ug/kg	<9.9	ug/kg	<8.9	ug/kg	<8.6	ug/kg	<8.7	ug/kg	<8.7	ug/kg
Carbon tetrachloride			<5.7	ug/kg	<6.6	ug/kg	<5.9	ug/kg	<5.7	ug/kg	<5.8	ug/kg	<5.8	ug/kg
1,2-Dichloropropane			<20	ug/kg	<23	ug/kg	<21	ug/kg	<20	ug/kg	<20	ug/kg	<20	ug/kg
Dibromochloromethane			<5.7	ug/kg	<6.6	ug/kg	<5.9	ug/kg	<5.7	ug/kg	<5.8	ug/kg	<5.8	ug/kg
1,1,2-Trichloroethane			<8.6	ug/kg	<9.9	ug/kg	<8.9	ug/kg	<8.6	ug/kg	<8.7	ug/kg	<8.7	ug/kg
Tetrachloroethene			<5.7	ug/kg	<6.6	ug/kg	<5.9	ug/kg	<5.7	ug/kg	<5.8	ug/kg	<5.8	ug/kg
Chlorobenzene			<20	ug/kg	<23	ug/kg	<21	ug/kg	<20	ug/kg	<20	ug/kg	<20	ug/kg
Trichlorofluoromethane			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg	<29	ug/kg
1,2-Dichloroethane			<5.7	ug/kg	<6.6	ug/kg	<5.9	ug/kg	<5.7	ug/kg	<5.8	ug/kg	<5.8	ug/kg
1,1,1-Trichloroethane			<5.7	ug/kg	<6.6	ug/kg	<5.9	ug/kg	<5.7	ug/kg	<5.8	ug/kg	<5.8	ug/kg
Bromodichloromethane			<5.7	ug/kg	<6.6	ug/kg	<5.9	ug/kg	<5.7	ug/kg	<5.8	ug/kg	<5.8	ug/kg
trans-1,3-Dichloropropene			<5.7	ug/kg	<6.6	ug/kg	<5.9	ug/kg	<5.7	ug/kg	<5.8	ug/kg	<5.8	ug/kg
cis-1,3-Dichloropropene			<5.7	ug/kg	<6.6	ug/kg	<5.9	ug/kg	<5.7	ug/kg	<5.8	ug/kg	<5.8	ug/kg
1,1-Dichloropropene			<140	ug/kg	<160	ug/kg	<150	ug/kg	<140	ug/kg	<140	ug/kg	<140	ug/kg
Bromoform			<5.7	ug/kg	<6.6	ug/kg	<5.9	ug/kg	<5.7	ug/kg	<5.8	ug/kg	<5.8	ug/kg
1,1,2,2-Tetrachloroethane			<5.7	ug/kg	<6.6	ug/kg	<5.9	ug/kg	<5.7	ug/kg	<5.8	ug/kg	<5.8	ug/kg
Benzene			<5.7	ug/kg	<6.6	ug/kg	<5.9	ug/kg	<5.7	ug/kg	<5.8	ug/kg	<5.8	ug/kg
Toluene			<8.6	ug/kg	<9.9	ug/kg	<8.9	ug/kg	<8.6	ug/kg	<8.7	ug/kg	<8.7	ug/kg
Ethylbenzene			<5.7	ug/kg	<6.6	ug/kg	<5.9	ug/kg	<5.7	ug/kg	<5.8	ug/kg	<5.8	ug/kg
Chloromethane			<57	ug/kg	<66	ug/kg	<59	ug/kg	<57	ug/kg	<58	ug/kg	<58	ug/kg
Bromomethane			<11	ug/kg	<13	ug/kg	<12	ug/kg	<11	ug/kg	<12	ug/kg	<12	ug/kg
Vinyl chloride			<11	ug/kg	<13	ug/kg	<12	ug/kg	<11	ug/kg	<12	ug/kg	<12	ug/kg
Chloroethane			<11	ug/kg	<13	ug/kg	<12	ug/kg	<11	ug/kg	<12	ug/kg	<12	ug/kg
1,1-Dichloroethene			<8.6	ug/kg	<9.9	ug/kg	<8.9	ug/kg	<8.6	ug/kg	<8.7	ug/kg	<8.7	ug/kg
trans-1,2-Dichloroethene			<8.6	ug/kg	<9.9	ug/kg	<8.9	ug/kg	<8.6	ug/kg	<8.7	ug/kg	<8.7	ug/kg
Trichloroethene			<5.7	ug/kg	<6.6	ug/kg	<5.9	ug/kg	<5.7	ug/kg	<5.8	ug/kg	<5.8	ug/kg
1,2-Dichlorobenzene			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg	<29	ug/kg
1,3-Dichlorobenzene			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg	<29	ug/kg
1,4-Dichlorobenzene			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg	<29	ug/kg
Methyl tert butyl ether			<57	ug/kg	<66	ug/kg	<59	ug/kg	<57	ug/kg	<58	ug/kg	<58	ug/kg
p/m-Xylene			<5.7	ug/kg	<6.6	ug/kg	<5.9	ug/kg	<5.7	ug/kg	<5.8	ug/kg	<5.8	ug/kg
o-Xylene			<5.7	ug/kg	<6.6	ug/kg	<5.9	ug/kg	<5.7	ug/kg	<5.8	ug/kg	<5.8	ug/kg
cis-1,2-Dichloroethene			<5.7	ug/kg	<6.6	ug/kg	<5.9	ug/kg	<5.7	ug/kg	<5.8	ug/kg	<5.8	ug/kg
Dibromomethane			<57	ug/kg	<66	ug/kg	<59	ug/kg	<57	ug/kg	<58	ug/kg	<58	ug/kg
1,4-Dichlorobutane			<57	ug/kg	<66	ug/kg	<59	ug/kg	<57	ug/kg	<58	ug/kg	<58	ug/kg
Iodomethane			<57	ug/kg	<66	ug/kg	<59	ug/kg	<57	ug/kg	<58	ug/kg	<58	ug/kg
1,2,3-Trichloropropane			<57	ug/kg	<66	ug/kg	<59	ug/kg	<57	ug/kg	<58	ug/kg	<58	ug/kg
Styrene			<5.7	ug/kg	<6.6	ug/kg	<5.9	ug/kg	<5.7	ug/kg	<5.8	ug/kg	<5.8	ug/kg
Dichlorodifluoromethane			<57	ug/kg	<66	ug/kg	<59	ug/kg	<57	ug/kg	<58	ug/kg	<58	ug/kg

LOCATION NAME	Reportable Conc.		Ward	Ward	Ward	Remp	Remp	Remp	Remp			
LOCATION	(MA MCP)		1R-02041	1R-02042	1R-02043	1R-02045	1R-02046	1R-02047				
SAMPLING DATE			19-Sep-00	19-Sep-00	19-Sep-00	19-Sep-00	19-Sep-00	19-Sep-00	19-Sep-00			
LAB SAMPLE ID	S1 soils	Units	L0008406-05	Units	L0008406-06	Units	L0008406-07	Units	L0008406-08			
1,2,3-Trichloropropane			<57	ug/kg	<66	ug/kg	<59	ug/kg	<57	ug/kg	<58	ug/kg
Styrene			<57	ug/kg	<6.6	ug/kg	<5.9	ug/kg	<5.7	ug/kg	<5.8	ug/kg
Dichlorodifluoromethane			<57	ug/kg	<66	ug/kg	<59	ug/kg	<57	ug/kg	<58	ug/kg
Acetone			<57	ug/kg	<66	ug/kg	<59	ug/kg	<57	ug/kg	<58	ug/kg
Carbon disulfide			<57	ug/kg	<66	ug/kg	<59	ug/kg	<57	ug/kg	<58	ug/kg
2-Butanone			<57	ug/kg	<66	ug/kg	<59	ug/kg	<57	ug/kg	<58	ug/kg
Vinyl acetate			<57	ug/kg	<66	ug/kg	<59	ug/kg	<57	ug/kg	<58	ug/kg
4-Methyl-2-pentanone			<57	ug/kg	<66	ug/kg	<59	ug/kg	<57	ug/kg	<58	ug/kg
2-Hexanone			<57	ug/kg	<66	ug/kg	<59	ug/kg	<57	ug/kg	<58	ug/kg
Ethyl methacrylate			<57	ug/kg	<66	ug/kg	<59	ug/kg	<57	ug/kg	<58	ug/kg
Acrolein			<140	ug/kg	<160	ug/kg	<150	ug/kg	<140	ug/kg	<140	ug/kg
Acrylonitrile			<57	ug/kg	<66	ug/kg	<59	ug/kg	<57	ug/kg	<58	ug/kg
Bromochloromethane			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
Tetrahydrofuran			<110	ug/kg	<130	ug/kg	<120	ug/kg	<110	ug/kg	<120	ug/kg
2,2-Dichloropropane			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
1,2-Dibromoethane			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
1,3-Dichloropropane			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
1,1,2-Tetrachloroethane			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
Bromobenzene			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
n-Butylbenzene			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
sec-Butylbenzene			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
tert-Butylbenzene			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
o-Chlorotoluene			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
p-Chlorotoluene			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
1,2-Dibromo-3-chloropropane			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
Hexachlorobutadiene			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
Isopropylbenzene			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
p-Isopropyltoluene			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
Naphthalene			<29	ug/kg	<600	ug/kg	<500	ug/kg	<510	ug/kg	<520	ug/kg
n-Propylbenzene			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
1,2,3-Trichlorobenzene			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
1,2,4-Trichlorobenzene			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
1,3,5-Trimethylbenzene			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
1,2,4-Trimethylbenzene			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
trans-1,4-Dichloro-2-butene			<29	ug/kg	<33	ug/kg	<30	ug/kg	<29	ug/kg	<29	ug/kg
Ethyl ether			<140	ug/kg	<160	ug/kg	<150	ug/kg	<140	ug/kg	<140	ug/kg
PNAs												
Acenaphthene					<600	ug/kg	<500	ug/kg	<510	ug/kg	<520	ug/kg
2-Chloronaphthalene					<600	ug/kg	<500	ug/kg	<510	ug/kg	<520	ug/kg
Fluoranthene					<600	ug/kg	<500	ug/kg	<510	ug/kg	<520	ug/kg
Naphthalene			<29	ug/kg	<600	ug/kg	<500	ug/kg	<510	ug/kg	<520	ug/kg
Benzo(a)anthracene					<600	ug/kg	<500	ug/kg	<510	ug/kg	<520	ug/kg
Benzo(a)pyrene					<600	ug/kg	<500	ug/kg	<510	ug/kg	<520	ug/kg
Benzo(b)fluoranthene					<600	ug/kg	<500	ug/kg	<510	ug/kg	<520	ug/kg
Benzo(k)fluoranthene					<600	ug/kg	<500	ug/kg	<510	ug/kg	<520	ug/kg
Chrysene					<600	ug/kg	<500	ug/kg	<510	ug/kg	<520	ug/kg
Acenaphthylene					<600	ug/kg	<500	ug/kg	<510	ug/kg	<520	ug/kg
Anthracene					<600	ug/kg	<500	ug/kg	<510	ug/kg	<520	ug/kg
Benzo(ghi)perylene					<600	ug/kg	<500	ug/kg	<510	ug/kg	<520	ug/kg
Fluorene					<600	ug/kg	<500	ug/kg	<510	ug/kg	<520	ug/kg
Phenanthrene					<600	ug/kg	<500	ug/kg	<510	ug/kg	<520	ug/kg
Dibenzo(a,h)anthracene					<600	ug/kg	<500	ug/kg	<510	ug/kg	<520	ug/kg
Indeno(1,2,3-cd)pyrene					<600	ug/kg	<500	ug/kg	<510	ug/kg	<520	ug/kg
Pyrene					<600	ug/kg	<500	ug/kg	<510	ug/kg	<520	ug/kg
Benzo(e)pyrene												
Biphenyl												
Perylene												
1-Methylnaphthalene					<600	ug/kg	<500	ug/kg	<510	ug/kg	<520	ug/kg

LOCATION NAME		Ward	Ward	Ward	Remp	Remp	Remp
LOCATION	Reportable Conc.	1R-02041	1R-02042	1R-02043	1R-02045	1R-02046	1R-02047
SAMPLING DATE	(MA MCP)	19-Sep-00	19-Sep-00	19-Sep-00	19-Sep-00	19-Sep-00	19-Sep-00
LAB SAMPLE ID	S1 soils	Units	L0008406-05	Units	L0008406-06	Units	L0008406-07
2-Methylnaphthalene			<600	ug/kg	<500	ug/kg	<510
Pesticides							
Delta-BHC			<24.1	ug/kg	<20.2	ug/kg	<20.4
Lindane			<24.1	ug/kg	<20.2	ug/kg	<20.4
Alpha-BHC			<24.1	ug/kg	<20.2	ug/kg	<20.4
Beta-BHC			<24.1	ug/kg	<20.2	ug/kg	<20.4
Heptachlor			<24.1	ug/kg	<20.2	ug/kg	<20.4
Aldrin			<24.1	ug/kg	<20.2	ug/kg	<20.4
Heptachlor epoxide			<24.1	ug/kg	<20.2	ug/kg	<20.4
Endrin			<24.1	ug/kg	<20.2	ug/kg	<20.4
Endrin aldehyde			<24.1	ug/kg	<20.2	ug/kg	<20.4
Endrin ketone			<24.1	ug/kg	<20.2	ug/kg	<20.4
Dieldrin			<24.1	ug/kg	<20.2	ug/kg	<20.4
4,4'-DDE			<24.1	ug/kg	<20.2	ug/kg	<20.4
4,4'-DDD			<24.1	ug/kg	<20.2	ug/kg	<20.4
4,4'-DDT			<24.1	ug/kg	<20.2	ug/kg	<20.4
Endosulfan I			<24.1	ug/kg	<20.2	ug/kg	<20.4
Endosulfan II			<24.1	ug/kg	<20.2	ug/kg	<20.4
Endosulfan sulfate			<24.1	ug/kg	<20.2	ug/kg	<20.4
Methoxychlor			<24.1	ug/kg	<20.2	ug/kg	<20.4
Toxaphene			<96.4	ug/kg	<80.8	ug/kg	<81.6
Chlordane			<96.4	ug/kg	<80.8	ug/kg	<81.6
cis-Chlordane			<24.1	ug/kg	<20.2	ug/kg	<20.4
trans-Chlordane			<24.1	ug/kg	<20.2	ug/kg	<20.4
PCBs							
Aroclor 1221			<241	ug/kg	<202	ug/kg	<204
Aroclor 1232			<241	ug/kg	<202	ug/kg	<204
Aroclor 1242/1016			<241	ug/kg	<202	ug/kg	<204
Aroclor 1248			<241	ug/kg	<202	ug/kg	<204
Aroclor 1254			<241	ug/kg	<202	ug/kg	<204
Aroclor 1260			<241	ug/kg	<202	ug/kg	<204
Herbicides							
MCPP							
MCPPA							
Dalapon							
Dicamba							
Dichloroprop							
2,4-D							
2,4-DB							
2,4,5-T							
2,4,5-TP (Silvex)							
Dinoseb							

LOCATION NAME		Nixon-1		Nixon-1		Nixon -1		Nixon-1		Nixon-1		Nixon-2		
LOCATION	Reportable Conc.	IR-02549		IR-02550		IR-02565		IR-02566		IR-02567		IR-02568		
SAMPLING DATE	(MA MCP)	3-Oct-00		3-Oct-00		5-Oct-00		5-Oct-00		5-Oct-00		5-Oct-00		
LAB SAMPLE ID	S1 soils	Units	L0008939-06	Units	L0008939-07	Units	L0008986-01	Units	L0008986-02	Units	L0008986-03	Units	L0008986-04	Units
PARAMETER														
Asbestos				0	%									
Solids, Total														
Hydrocarbons, Total(IR)	200	mg/kg				<50	mg/kg	<50	mg/kg	<50	mg/kg	110	mg/kg	
METALS														
Antimony, Total	10	mg/kg	370	mg/kg	<2	mg/kg						<2	mg/kg	
Arsenic, Total	30	mg/kg	110	mg/kg	2.5	mg/kg						2.8	mg/kg	
Beryllium, Total	0.7	mg/kg	0.3	mg/kg	0.38	mg/kg						0.34	mg/kg	
Cadmium, Total	30	mg/kg	<0.4	mg/kg	<0.4	mg/kg						<0.39	mg/kg	
Chromium, Total	1000	mg/kg	7.3	mg/kg	8	mg/kg						6.9	mg/kg	
Copper, Total	1000	mg/kg	22	mg/kg	23	mg/kg						16	mg/kg	
Lead, Total	300	mg/kg	990	mg/kg	19	mg/kg						24	mg/kg	
Mercury, Total	20	mg/kg	<0.25	mg/kg	<0.25	mg/kg						<0.25	mg/kg	
Nickel, Total	300	mg/kg	7.8	mg/kg	7.7	mg/kg						8.4	mg/kg	
Selenium, Total	400	mg/kg	<0.8	mg/kg	<0.8	mg/kg						<0.79	mg/kg	
Silver, Total	100	mg/kg	<0.4	mg/kg	<0.4	mg/kg						<0.39	mg/kg	
Thallium, Total	8	mg/kg	<0.8	mg/kg	<0.8	mg/kg						<0.79	mg/kg	
Zinc, Total	2500	mg/kg	30	mg/kg	31	mg/kg						34	mg/kg	
VOCs														
Methylene chloride	8	mg/kg				<26	ug/kg	<25	ug/kg	<25	ug/kg			
1,1-Dichloroethane	2500	mg/kg				<7.6	ug/kg	<7.6	ug/kg	<7.6	ug/kg			
Chloroform						<7.6	ug/kg	<7.6	ug/kg	<7.6	ug/kg			
Carbon tetrachloride						<5.1	ug/kg	<5	ug/kg	<5	ug/kg			
1,2-Dichloropropane						<18	ug/kg	<18	ug/kg	<18	ug/kg			
Dibromochloromethane						<5.1	ug/kg	<5	ug/kg	<5	ug/kg			
1,1,2-Trichloroethane						<7.6	ug/kg	<7.6	ug/kg	<7.6	ug/kg			
Tetrachloroethene						<5.1	ug/kg	<5	ug/kg	<5	ug/kg			
Chlorobenzene						<18	ug/kg	<18	ug/kg	<18	ug/kg			
Trichlorofluoromethane						<26	ug/kg	<25	ug/kg	<25	ug/kg			
1,2-Dichloroethane						<5.1	ug/kg	<5	ug/kg	<5	ug/kg			
1,1,1-Trichloroethane						<5.1	ug/kg	<5	ug/kg	<5	ug/kg			
Bromodichloromethane						<5.1	ug/kg	<5	ug/kg	<5	ug/kg			
trans-1,3-Dichloropropene						<5.1	ug/kg	<5	ug/kg	<5	ug/kg			
cis-1,3-Dichloropropene						<5.1	ug/kg	<5	ug/kg	<5	ug/kg			
1,1-Dichloropropene						<26	ug/kg	<25	ug/kg	<25	ug/kg			
Bromoform						<5.1	ug/kg	<5	ug/kg	<5	ug/kg			
1,1,2,2-Tetrachloroethane						<5.1	ug/kg	<5	ug/kg	<5	ug/kg			
Benzene						<5.1	ug/kg	<5	ug/kg	<5	ug/kg			
Toluene						<7.6	ug/kg	<7.6	ug/kg	<7.6	ug/kg			
Ethylbenzene						<5.1	ug/kg	<5	ug/kg	<5	ug/kg			
Chloromethane						<51	ug/kg	<50	ug/kg	<50	ug/kg			
Bromomethane						<10	ug/kg	<10	ug/kg	<10	ug/kg			
Vinyl chloride						<10	ug/kg	<10	ug/kg	<10	ug/kg			
Chloroethane						<10	ug/kg	<10	ug/kg	<10	ug/kg			
1,1-Dichloroethene						<7.6	ug/kg	<7.6	ug/kg	<7.6	ug/kg			
trans-1,2-Dichloroethene						<7.6	ug/kg	<7.6	ug/kg	<7.6	ug/kg			
Trichloroethene						<5.1	ug/kg	<5	ug/kg	<5	ug/kg			
1,2-Dichlorobenzene						<26	ug/kg	<25	ug/kg	<25	ug/kg			
1,3-Dichlorobenzene						<26	ug/kg	<25	ug/kg	<25	ug/kg			
1,4-Dichlorobenzene						<26	ug/kg	<25	ug/kg	<25	ug/kg			
Methyl tert butyl ether						<20	ug/kg	<20	ug/kg	<20	ug/kg			
p/m-Xylene						<5.1	ug/kg	<5	ug/kg	<5	ug/kg			
o-Xylene						<5.1	ug/kg	<5	ug/kg	<5	ug/kg			
cis-1,2-Dichloroethene						<5.1	ug/kg	<5	ug/kg	<5	ug/kg			
Dibromomethane						<51	ug/kg	<50	ug/kg	<50	ug/kg			
1,4-Dichlorobutane						<51	ug/kg	<50	ug/kg	<50	ug/kg			
Iodomethane						<51	ug/kg	<50	ug/kg	<50	ug/kg			

LOCATION NAME			Nixon-1		Nixon-1		Nixon -1		Nixon-1		Nixon-1		Nixon-2	
LOCATION	Reportable Conc.		IR-02549		IR-02550		IR-02565		IR-02566		IR-02567		IR-02568	
SAMPLING DATE	(MA MCP)		3-Oct-00		3-Oct-00		5-Oct-00		5-Oct-00		5-Oct-00		5-Oct-00	
LAB SAMPLE ID	S1 soils	Units	L0008939-06	Units	L0008939-07	Units	L0008986-01	Units	L0008986-02	Units	L0008986-03	Units	L0008986-04	Units
1,2,3-Trichloropropane							<51	ug/kg	<50	ug/kg	<50	ug/kg		
Styrene							<5.1	ug/kg	<5	ug/kg	<5	ug/kg		
Dichlorodifluoromethane							<51	ug/kg	<50	ug/kg	<50	ug/kg		
Acetone							<51	ug/kg	<50	ug/kg	<50	ug/kg		
Carbon disulfide							<51	ug/kg	<50	ug/kg	<50	ug/kg		
2-Butanone							<51	ug/kg	<50	ug/kg	<50	ug/kg		
Vinyl acetate							<51	ug/kg	<50	ug/kg	<50	ug/kg		
4-Methyl-2-pentanone							<51	ug/kg	<50	ug/kg	<50	ug/kg		
2-Hexanone							<51	ug/kg	<50	ug/kg	<50	ug/kg		
Ethyl methacrylate							<51	ug/kg	<50	ug/kg	<50	ug/kg		
Acrolein							<130	ug/kg	<130	ug/kg	<130	ug/kg		
Acrylonitrile							<51	ug/kg	<50	ug/kg	<50	ug/kg		
Bromochloromethane							<26	ug/kg	<25	ug/kg	<25	ug/kg		
Tetrahydrofuran							<100	ug/kg	<100	ug/kg	<100	ug/kg		
2,2-Dichloropropane							<26	ug/kg	<25	ug/kg	<25	ug/kg		
1,2-Dibromoethane							<26	ug/kg	<25	ug/kg	<25	ug/kg		
1,3-Dichloropropane							<26	ug/kg	<25	ug/kg	<25	ug/kg		
1,1,1,2-Tetrachloroethane							<26	ug/kg	<25	ug/kg	<25	ug/kg		
Bromobenzene							<26	ug/kg	<25	ug/kg	<25	ug/kg		
n-Butylbenzene							<26	ug/kg	<25	ug/kg	<25	ug/kg		
sec-Butylbenzene							<26	ug/kg	<25	ug/kg	<25	ug/kg		
tert-Butylbenzene							<26	ug/kg	<25	ug/kg	<25	ug/kg		
o-Chlorotoluene							<26	ug/kg	<25	ug/kg	<25	ug/kg		
p-Chlorotoluene							<26	ug/kg	<25	ug/kg	<25	ug/kg		
1,2-Dibromo-3-chloropropane							<26	ug/kg	<25	ug/kg	<25	ug/kg		
Hexachlorobutadiene							<26	ug/kg	<25	ug/kg	<25	ug/kg		
Isopropylbenzene							<26	ug/kg	<25	ug/kg	<25	ug/kg		
p-Isopropyltoluene							<26	ug/kg	<25	ug/kg	<25	ug/kg		
Naphthalene							<500	ug/kg	<500	ug/kg	<500	ug/kg		
n-Propylbenzene							<26	ug/kg	<25	ug/kg	<25	ug/kg		
1,2,3-Trichlorobenzene							<26	ug/kg	<25	ug/kg	<25	ug/kg		
1,2,4-Trichlorobenzene							<26	ug/kg	<25	ug/kg	<25	ug/kg		
1,3,5-Trimethylbenzene							<26	ug/kg	<25	ug/kg	<25	ug/kg		
1,2,4-Trimethylbenzene							<26	ug/kg	<25	ug/kg	<25	ug/kg		
trans-1,4-Dichloro-2-butene							<26	ug/kg	<25	ug/kg	<25	ug/kg		
Ethyl ether							<130	ug/kg	<130	ug/kg	<130	ug/kg		
PNAs														
Acenaphthene							<500	ug/kg	<500	ug/kg	<500	ug/kg		
2-Chloronaphthalene							<500	ug/kg	<500	ug/kg	<500	ug/kg		
Fluoranthene							<500	ug/kg	<500	ug/kg	<500	ug/kg		
Naphthalene							<500	ug/kg	<500	ug/kg	<500	ug/kg		
Benzo(a)anthracene							<500	ug/kg	<500	ug/kg	<500	ug/kg		
Benzo(a)pyrene							<500	ug/kg	<500	ug/kg	<500	ug/kg		
Benzo(b)fluoranthene							<500	ug/kg	<500	ug/kg	<500	ug/kg		
Benzo(k)fluoranthene							<500	ug/kg	<500	ug/kg	<500	ug/kg		
Chrysene							<500	ug/kg	<500	ug/kg	<500	ug/kg		
Acenaphthylene							<500	ug/kg	<500	ug/kg	<500	ug/kg		
Anthracene							<500	ug/kg	<500	ug/kg	<500	ug/kg		
Benzo(ghi)perylene							<500	ug/kg	<500	ug/kg	<500	ug/kg		
Fluorene							<500	ug/kg	<500	ug/kg	<500	ug/kg		
Phenanthrene							<500	ug/kg	<500	ug/kg	<500	ug/kg		
Dibenzo(a,h)anthracene							<500	ug/kg	<500	ug/kg	<500	ug/kg		
Indeno(1,2,3-cd)pyrene							<500	ug/kg	<500	ug/kg	<500	ug/kg		
Pyrene							<500	ug/kg	<500	ug/kg	<500	ug/kg		
Benzo(e)pyrene							<500	ug/kg	<500	ug/kg	<500	ug/kg		
Biphenyl							<500	ug/kg	<500	ug/kg	<500	ug/kg		
Perylene							<500	ug/kg	<500	ug/kg	<500	ug/kg		
1-Methylnaphthalene							<500	ug/kg	<500	ug/kg	<500	ug/kg		

LOCATION NAME		Nixon-2	Nixon-2	Nixon-2	Field Blank		Stockpile #1	S#1 duplc.
LOCATION	Reportable Conc.	IR-02569	IR-02570	IR-02571	IR-02572		IR-02584	IR-02585
SAMPLING DATE	(MA MCP)	5-Oct-00	5-Oct-00	5-Oct-00	5-Oct-00		6-Oct-00	6-Oct-00
LAB SAMPLE ID	S1 soils	Units	L0008986-05	Units	L0008986-06	Units	L0008986-07	Units
PARAMETER								
Asbestos								
Solids, Total								
Hydrocarbons, Total(IR)	200	mg/kg	69	mg/kg	50	mg/kg	170	mg/kg
METALS								
Antimony, Total	10	mg/kg	<2	mg/kg	360	mg/kg	<2	mg/kg
Arsenic, Total	30	mg/kg	2.6	mg/kg	96	mg/kg	2.9	mg/kg
Beryllium, Total	0.7	mg/kg	0.32	mg/kg	0.32	mg/kg	0.31	mg/kg
Cadmium, Total	30	mg/kg	<0.4	mg/kg	<0.4	mg/kg	<0.4	mg/kg
Chromium, Total	1000	mg/kg	7.3	mg/kg	6.9	mg/kg	6.4	mg/kg
Copper, Total	1000	mg/kg	15	mg/kg	16	mg/kg	14	mg/kg
Lead, Total	300	mg/kg	85	mg/kg	860	mg/kg	11	mg/kg
Mercury, Total	20	mg/kg	<0.25	mg/kg	<0.25	mg/kg	<0.25	mg/kg
Nickel, Total	300	mg/kg	8.2	mg/kg	7.7	mg/kg	8.7	mg/kg
Selenium, Total	400	mg/kg	<0.8	mg/kg	<0.79	mg/kg	<0.8	mg/kg
Silver, Total	100	mg/kg	<0.4	mg/kg	<0.4	mg/kg	<0.4	mg/kg
Thallium, Total	8	mg/kg	<0.8	mg/kg	<0.79	mg/kg	<0.8	mg/kg
Zinc, Total	2500	mg/kg	36	mg/kg	33	mg/kg	36	mg/kg
VOCs								
Methylene chloride	8	mg/kg					8	ug/l
1,1-Dichloroethane	2500	mg/kg					<1.5	ug/l
Chloroform							<1.5	ug/l
Carbon tetrachloride							<1	ug/l
1,2-Dichloropropane							<3.5	ug/l
Dibromochloromethane							<1	ug/l
1,1,2-Trichloroethane							<1.5	ug/l
Tetrachloroethene							<1	ug/l
Chlorobenzene							<3.5	ug/l
Trichlorofluoromethane							<5	ug/l
1,2-Dichloroethane							<1	ug/l
1,1,1-Trichloroethane							<1	ug/l
Bromodichloromethane							<1	ug/l
trans-1,3-Dichloropropene							<1	ug/l
cis-1,3-Dichloropropene							<1	ug/l
1,1-Dichloropropene							<5	ug/l
Bromoform							<1	ug/l
1,1,2-Tetrachloroethane							<1	ug/l
Benzene							<1	ug/l
Toluene							<1.5	ug/l
Ethylbenzene							<1	ug/l
Chloromethane							<10	ug/l
Bromomethane							<2	ug/l
Vinyl chloride							<2	ug/l
Chloroethane							<2	ug/l
1,1-Dichloroethene							<1.5	ug/l
trans-1,2-Dichloroethene							<1.5	ug/l
Trichloroethene							<1	ug/l
1,2-Dichlorobenzene							<5	ug/l
1,3-Dichlorobenzene							<5	ug/l
1,4-Dichlorobenzene							<5	ug/l
Methyl tert butyl ether							<4	ug/l
p/m-Xylene							<1	ug/l
o-Xylene							<1	ug/l
cis-1,2-Dichloroethene							<1	ug/l
Dibromomethane							<10	ug/l
1,4-Dichlorobutane							<10	ug/l
Iodomethane							<10	ug/l

LOCATION NAME			Nixon-2		Nixon-2		Nixon-2		Field Blank		Stockpile #1		S#1 duplc.	
LOCATION	Reportable Conc.		IR-02569		IR-02570		IR-02571		IR-02572		IR-02584		IR-02585	
SAMPLING DATE	(MA MCP)		5-Oct-00		5-Oct-00		5-Oct-00		5-Oct-00		6-Oct-00		6-Oct-00	
LAB SAMPLE ID	S1 soils	Units	L0008986-05	Units	L0008986-06	Units	L0008986-07	Units	L0008986-08	Units	L0009091-01	Units	L0009091-02	Units
1,2,3-Trichloropropane									<10	ug/l	<54	ug/kg	<50	ug/kg
Styrene									<1	ug/l	<5.4	ug/kg	<5	ug/kg
Dichlorodifluoromethane									<10	ug/l	<54	ug/kg	<50	ug/kg
Acetone									<10	ug/l	<54	ug/kg	<50	ug/kg
Carbon disulfide									<10	ug/l	<54	ug/kg	<50	ug/kg
2-Butanone									<10	ug/l	<54	ug/kg	<50	ug/kg
Vinyl acetate									<10	ug/l	<54	ug/kg	<50	ug/kg
4-Methyl-2-pentanone									<10	ug/l	<54	ug/kg	<50	ug/kg
2-Hexanone									<10	ug/l	<54	ug/kg	<50	ug/kg
Ethyl methacrylate									<10	ug/l	<54	ug/kg	<50	ug/kg
Acrolein									<25	ug/l	<130	ug/kg	<130	ug/kg
Acrylonitrile									<10	ug/l	<54	ug/kg	<50	ug/kg
Bromochloromethane									<5	ug/l	<27	ug/kg	<25	ug/kg
Tetrahydrofuran									<20	ug/l	<110	ug/kg	<100	ug/kg
2,2-Dichloropropane									<5	ug/l	<27	ug/kg	<25	ug/kg
1,2-Dibromoethane									<5	ug/l	<27	ug/kg	<25	ug/kg
1,3-Dichloropropane									<5	ug/l	<27	ug/kg	<25	ug/kg
1,1,1,2-Tetrachloroethane									<5	ug/l	<27	ug/kg	<25	ug/kg
Bromobenzene									<5	ug/l	<27	ug/kg	<25	ug/kg
n-Butylbenzene									<5	ug/l	<27	ug/kg	<25	ug/kg
sec-Butylbenzene									<5	ug/l	<27	ug/kg	<25	ug/kg
tert-Butylbenzene									<5	ug/l	<27	ug/kg	<25	ug/kg
o-Chlorotoluene									<5	ug/l	<27	ug/kg	<25	ug/kg
p-Chlorotoluene									<5	ug/l	<27	ug/kg	<25	ug/kg
1,2-Dibromo-3-chloropropane									<5	ug/l	<27	ug/kg	<25	ug/kg
Hexachlorobutadiene									<5	ug/l	<27	ug/kg	<25	ug/kg
Isopropylbenzene									<5	ug/l	<27	ug/kg	<25	ug/kg
p-Isopropyltoluene									<5	ug/l	<27	ug/kg	<25	ug/kg
Naphthalene									<5	ug/l	<500	ug/kg	<500	ug/kg
n-Propylbenzene									<5	ug/l	<27	ug/kg	<25	ug/kg
1,2,3-Trichlorobenzene									<5	ug/l	<27	ug/kg	<25	ug/kg
1,2,4-Trichlorobenzene									<5	ug/l	<27	ug/kg	<25	ug/kg
1,3,5-Trimethylbenzene									<5	ug/l	<27	ug/kg	<25	ug/kg
1,2,4-Trimethylbenzene									<5	ug/l	<27	ug/kg	<25	ug/kg
trans-1,4-Dichloro-2-butene									<5	ug/l	<27	ug/kg	<25	ug/kg
Ethyl ether									<25	ug/l	<130	ug/kg	<130	ug/kg
PNAs														
Acenaphthene											<500	ug/kg	<500	ug/kg
2-Chloronaphthalene											<500	ug/kg	<500	ug/kg
Fluoranthene											<500	ug/kg	<500	ug/kg
Naphthalene									<5	ug/l	<500	ug/kg	<500	ug/kg
Benzo(a)anthracene											<500	ug/kg	<500	ug/kg
Benzo(a)pyrene											<500	ug/kg	<500	ug/kg
Benzo(b)fluoranthene											<500	ug/kg	<500	ug/kg
Benzo(k)fluoranthene											<500	ug/kg	<500	ug/kg
Chrysene											<500	ug/kg	<500	ug/kg
Acenaphthylene											<500	ug/kg	<500	ug/kg
Anthracene											<500	ug/kg	<500	ug/kg
Benzo(ghi)perylene											<500	ug/kg	<500	ug/kg
Fluorene											<500	ug/kg	<500	ug/kg
Phenanthrene											<500	ug/kg	<500	ug/kg
Dibenzo(a,h)anthracene											<500	ug/kg	<500	ug/kg
Indeno(1,2,3-cd)pyrene											<500	ug/kg	<500	ug/kg
Pyrene											<500	ug/kg	<500	ug/kg
Benzo(e)pyrene											<500	ug/kg	<500	ug/kg
Biphenyl											<500	ug/kg	<500	ug/kg
Perylene											<500	ug/kg	<500	ug/kg
1-Methylnaphthalene											<500	ug/kg	<500	ug/kg

LOCATION NAME			Nixon-2		Nixon-2		Nixon-2		Field Blank		Stockpile #1		S#1 duplc.	
LOCATION	Reportable Conc.		IR-02569		IR-02570		IR-02571		IR-02572		IR-02584		IR-02585	
SAMPLING DATE	(MA MCP)		5-Oct-00		5-Oct-00		5-Oct-00		5-Oct-00		6-Oct-00		6-Oct-00	
LAB SAMPLE ID	S1 soils	Units	L0008986-05	Units	L0008986-06	Units	L0008986-07	Units	L0008986-08	Units	L0009091-01	Units	L0009091-02	Units
2-Methylnaphthalene											<500	ug/kg	<500	ug/kg
Pesticides														
Delta-BHC											<20	ug/kg	<20	ug/kg
Lindane											<20	ug/kg	<20	ug/kg
Alpha-BHC											<20	ug/kg	<20	ug/kg
Beta-BHC											<20	ug/kg	<20	ug/kg
Heptachlor											<20	ug/kg	<20	ug/kg
Aldrin											<20	ug/kg	<20	ug/kg
Heptachlor epoxide											<20	ug/kg	<20	ug/kg
Endrin											<20	ug/kg	<20	ug/kg
Endrin aldehyde											<20	ug/kg	<20	ug/kg
Endrin ketone											<20	ug/kg	<20	ug/kg
Dieldrin											<20	ug/kg	<20	ug/kg
4,4'-DDE											<20	ug/kg	<20	ug/kg
4,4'-DDD											<20	ug/kg	<20	ug/kg
4,4'-DDT											<20	ug/kg	<20	ug/kg
Endosulfan I											<20	ug/kg	<20	ug/kg
Endosulfan II											<20	ug/kg	<20	ug/kg
Endosulfan sulfate											<20	ug/kg	<20	ug/kg
Methoxychlor											<20	ug/kg	<20	ug/kg
Toxaphene											<80	ug/kg	<80	ug/kg
Chlordane											<80	ug/kg	<80	ug/kg
cis-Chlordane											<20	ug/kg	<20	ug/kg
trans-Chlordane											<20	ug/kg	<20	ug/kg
PCBs														
Aroclor 1221											<200	ug/kg	<200	ug/kg
Aroclor 1232											<200	ug/kg	<200	ug/kg
Aroclor 1242/1016											<200	ug/kg	<200	ug/kg
Aroclor 1248											<200	ug/kg	<200	ug/kg
Aroclor 1254											<200	ug/kg	<200	ug/kg
Aroclor 1260											<200	ug/kg	<200	ug/kg
Herbicides														
MCPP											<25	ug/kg	<25	ug/kg
MCPA											<25	ug/kg	<25	ug/kg
Dalapon											<1	ug/kg	<1	ug/kg
Dicamba											<0.05	ug/kg	<0.05	ug/kg
Dichloroprop											<0.5	ug/kg	<0.5	ug/kg
2,4-D											<0.5	ug/kg	<0.5	ug/kg
2,4-DB											<0.5	ug/kg	<0.5	ug/kg
2,4,5-T											<0.05	ug/kg	<0.05	ug/kg
2,4,5-TP (Silvex)											<0.05	ug/kg	<0.05	ug/kg
Dinoseb											<0.25	ug/kg	<0.25	ug/kg

LOCATION NAME		Stockpile #2		Stockpile #3		Stockpile #4		Stockpile #5		Louis Burrell		
LOCATION	Reportable Conc.	IR-02586		IR-02587		IR-02588		IR-02589		IR-02590		
SAMPLING DATE	(MA MCP)	6-Oct-00		6-Oct-00		6-Oct-00		6-Oct-00		6-Oct-00		
LAB SAMPLE ID	S1 soils	Units	L0009091-03	Units	L0009091-04	Units	L0009091-05	Units	L0009091-06	Units	L0009091-07	Units
PARAMETER												
Asbestos												
Solids, Total												
Hydrocarbons, Total(IR)	200	mg/kg	<40	mg/kg	<40	mg/kg	<40	mg/kg	<40	mg/kg		
METALS												
Antimony, Total	10	mg/kg	<2	mg/kg	<2	mg/kg	<2	mg/kg	<2	mg/kg		
Arsenic, Total	30	mg/kg	4	mg/kg	2.5	mg/kg	2.6	mg/kg	1.8	mg/kg	2.2	
Beryllium, Total	0.7	mg/kg	0.24	mg/kg	<0.2	mg/kg	<0.2	mg/kg	<0.2	mg/kg	0.24	
Cadmium, Total	30	mg/kg	<0.4	mg/kg	<0.4	mg/kg	<0.4	mg/kg	<0.4	mg/kg	<0.39	
Chromium, Total	1000	mg/kg	16	mg/kg	100	mg/kg	77	mg/kg	110	mg/kg	83	
Copper, Total	1000	mg/kg	36	mg/kg	27	mg/kg	27	mg/kg	23	mg/kg	31	
Lead, Total	300	mg/kg	12	mg/kg	13	mg/kg	14	mg/kg	9.9	mg/kg	12	
Mercury, Total	20	mg/kg	<0.25	mg/kg	<0.25	mg/kg	<0.25	mg/kg	<0.25	mg/kg	<0.25	
Nickel, Total	300	mg/kg	10	mg/kg	19	mg/kg	18	mg/kg	19	mg/kg	16	
Selenium, Total	400	mg/kg	<0.79	mg/kg	<0.8	mg/kg	<0.79	mg/kg	<0.8	mg/kg	<0.73	
Silver, Total	100	mg/kg	<0.4	mg/kg	<0.4	mg/kg	<0.4	mg/kg	<0.4	mg/kg	<0.39	
Thallium, Total	8	mg/kg	<0.79	mg/kg	<0.8	mg/kg	<0.79	mg/kg	<0.8	mg/kg	<0.79	
Zinc, Total	2500	mg/kg	31	mg/kg	30	mg/kg	32	mg/kg	25	mg/kg	34	
VOCs												
Methylene chloride	8	mg/kg	<290	ug/kg	<290	ug/kg	<290	ug/kg	<290	ug/kg	<290	
1,1-Dichloroethane	2500	mg/kg	<7.8	ug/kg	<8.1	ug/kg	<7.6	ug/kg	<7.8	ug/kg	<7.9	
Chloroform			<7.8	ug/kg	<8.1	ug/kg	<7.6	ug/kg	<7.8	ug/kg	<7.9	
Carbon tetrachloride			<5.2	ug/kg	<5.4	ug/kg	<5.1	ug/kg	<5.2	ug/kg	<5.3	
1,2-Dichloropropane			<18	ug/kg	<19	ug/kg	<18	ug/kg	<18	ug/kg	<18	
Dibromochloromethane			<5.2	ug/kg	<5.4	ug/kg	<5.1	ug/kg	<5.2	ug/kg	<5.3	
1,1,2-Trichloroethane			<7.8	ug/kg	<8.1	ug/kg	<7.6	ug/kg	<7.8	ug/kg	<7.9	
Tetrachloroethene			<5.2	ug/kg	<5.4	ug/kg	<5.1	ug/kg	<5.2	ug/kg	<5.3	
Chlorobenzene			<18	ug/kg	<19	ug/kg	<18	ug/kg	<18	ug/kg	<18	
Trichlorofluoromethane			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	
1,2-Dichloroethane			<5.2	ug/kg	<5.4	ug/kg	<5.1	ug/kg	<5.2	ug/kg	<5.3	
1,1,1-Trichloroethane			<5.2	ug/kg	<5.4	ug/kg	<5.1	ug/kg	<5.2	ug/kg	<5.3	
Bromodichloromethane			<5.2	ug/kg	<5.4	ug/kg	<5.1	ug/kg	<5.2	ug/kg	<5.3	
trans-1,3-Dichloropropene			<5.2	ug/kg	<5.4	ug/kg	<5.1	ug/kg	<5.2	ug/kg	<5.3	
cis-1,3-Dichloropropene			<5.2	ug/kg	<5.4	ug/kg	<5.1	ug/kg	<5.2	ug/kg	<5.3	
1,1-Dichloropropene			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	
Bromoform			<5.2	ug/kg	<5.4	ug/kg	<5.1	ug/kg	<5.2	ug/kg	<5.3	
1,1,2-Tetrachloroethane			<5.2	ug/kg	<5.4	ug/kg	<5.1	ug/kg	<5.2	ug/kg	<5.3	
Benzene			<5.2	ug/kg	<5.4	ug/kg	<5.1	ug/kg	<5.2	ug/kg	<5.3	
Toluene			<7.8	ug/kg	<8.1	ug/kg	<7.6	ug/kg	<7.8	ug/kg	<7.9	
Ethylbenzene			<5.2	ug/kg	<5.4	ug/kg	<5.1	ug/kg	<5.2	ug/kg	<5.3	
Chloromethane			<52	ug/kg	<54	ug/kg	<51	ug/kg	<52	ug/kg	<53	
Bromomethane			<10	ug/kg	<11	ug/kg	<10	ug/kg	<10	ug/kg	<10	
Vinyl chloride			<10	ug/kg	<11	ug/kg	<10	ug/kg	<10	ug/kg	<10	
Chloroethane			<10	ug/kg	<11	ug/kg	<10	ug/kg	<10	ug/kg	<10	
1,1-Dichloroethene			<7.8	ug/kg	<8.1	ug/kg	<7.6	ug/kg	<7.8	ug/kg	<7.9	
trans-1,2-Dichloroethene			<7.8	ug/kg	<8.1	ug/kg	<7.6	ug/kg	<7.8	ug/kg	<7.9	
Trichloroethene			<5.2	ug/kg	<5.4	ug/kg	<5.1	ug/kg	<5.2	ug/kg	<5.3	
1,2-Dichlorobenzene			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	
1,3-Dichlorobenzene			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	
1,4-Dichlorobenzene			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	
Methyl tert butyl ether			<21	ug/kg	<22	ug/kg	<20	ug/kg	<21	ug/kg	<21	
p/m-Xylene			<5.2	ug/kg	<5.4	ug/kg	<5.1	ug/kg	<5.2	ug/kg	<5.3	
o-Xylene			<5.2	ug/kg	<5.4	ug/kg	<5.1	ug/kg	<5.2	ug/kg	<5.3	
cis-1,2-Dichloroethene			<5.2	ug/kg	<5.4	ug/kg	<5.1	ug/kg	<5.2	ug/kg	<5.3	
Dibromomethane			<52	ug/kg	<54	ug/kg	<51	ug/kg	<52	ug/kg	<53	
1,4-Dichlorobutane			<52	ug/kg	<54	ug/kg	<51	ug/kg	<52	ug/kg	<53	
Iodomethane			<52	ug/kg	<54	ug/kg	<51	ug/kg	<52	ug/kg	<53	

LOCATION NAME	Reportable Conc.		Stockpile #2		Stockpile #3		Stockpile #4		Stockpile #6		Stockpile #5		Louis Burrell	
LOCATION	(MA MCP)		IR-02586		IR-02587		IR-02588		IR-02589		IR-02590		IR-02591	
SAMPLING DATE			6-Oct-00											
LAB SAMPLE ID	S1 soils	Units	L0009091-03	Units	L0009091-04	Units	L0009091-05	Units	L0009091-06	Units	L0009091-07	Units	L0009091-08	Units
1,2,3-Trichloropropane			<52	ug/kg	<54	ug/kg	<51	ug/kg	<52	ug/kg	<53	ug/kg	<53	ug/kg
Styrene			<5.2	ug/kg	<5.4	ug/kg	<5.1	ug/kg	<5.2	ug/kg	<5.3	ug/kg	<5.3	ug/kg
Dichlorodifluoromethane			<52	ug/kg	<54	ug/kg	<51	ug/kg	<52	ug/kg	<53	ug/kg	<53	ug/kg
Acetone			<52	ug/kg	<54	ug/kg	<51	ug/kg	<52	ug/kg	<53	ug/kg	<53	ug/kg
Carbon disulfide			<52	ug/kg	<54	ug/kg	<51	ug/kg	<52	ug/kg	<53	ug/kg	<53	ug/kg
2-Butanone			<52	ug/kg	<54	ug/kg	<51	ug/kg	<52	ug/kg	<53	ug/kg	<53	ug/kg
Vinyl acetate			<52	ug/kg	<54	ug/kg	<51	ug/kg	<52	ug/kg	<53	ug/kg	<53	ug/kg
4-Methyl-2-pentanone			<52	ug/kg	<54	ug/kg	<51	ug/kg	<52	ug/kg	<53	ug/kg	<53	ug/kg
2-Hexanone			<52	ug/kg	<54	ug/kg	<51	ug/kg	<52	ug/kg	<53	ug/kg	<53	ug/kg
Ethyl methacrylate			<52	ug/kg	<54	ug/kg	<51	ug/kg	<52	ug/kg	<53	ug/kg	<53	ug/kg
Acrolein			<130	ug/kg	<130	ug/kg								
Acrylonitrile			<52	ug/kg	<54	ug/kg	<51	ug/kg	<52	ug/kg	<53	ug/kg	<53	ug/kg
Bromo-chloromethane			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
Tetrahydrofuran			<100	ug/kg	<110	ug/kg	<100	ug/kg	<100	ug/kg	<110	ug/kg	<100	ug/kg
2,2-Dichloropropane			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
1,2-Dibromoethane			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
1,3-Dichloropropane			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
1,1,1,2-Tetrachloroethane			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
Bromobenzene			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
n-Butylbenzene			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
sec-Butylbenzene			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
tert-Butylbenzene			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
o-Chlorotoluene			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
p-Chlorotoluene			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
1,2-Dibromo-3-chloropropane			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
Hexachlorobutadiene			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
Isopropylbenzene			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
p-Isopropyltoluene			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
Naphthalene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
n-Propylbenzene			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
1,2,3-Trichlorobenzene			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
1,2,4-Trichlorobenzene			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
1,3,5-Trimethylbenzene			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
1,2,4-Trimethylbenzene			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
trans-1,4-Dichloro-2-butene			<26	ug/kg	<27	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg
Ethyl ether			<130	ug/kg	<130	ug/kg								
PNAs														
Acenaphthene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
2-Chloronaphthalene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
Fluoranthene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
Naphthalene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
Benzo(a)anthracene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
Benzo(a)pyrene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
Benzo(b)fluoranthene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
Benzo(k)fluoranthene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
Chrysene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
Acenaphthylene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
Anthracene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
Benzo(ghi)perylene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
Fluorene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
Phenanthrene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
Dibenzo(a,h)anthracene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
Indeno(1,2,3-cd)pyrene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
Pyrene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
Benzo(e)pyrene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
Biphenyl			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
Perylene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg
1-Methylnaphthalene			<500	ug/kg	<1000	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg	<500	ug/kg

LOCATION NAME		Louis Burrell		Louis Burrell		Louis Burrell		TRIP BLANK		Nixon 3		Nixon 3		
LOCATION	Reportable Conc.	IR-02592		IR-02593		IR-02594		IR-02598		1R-02599		1R-02681		
SAMPLING DATE	(MA MCP)	6-Oct-00		6-Oct-00		6-Oct-00		2-Oct-00		10-Oct-00		10-Oct-00		
LAB SAMPLE ID	S1 soils	Units	L0009091-09	Units	L0009091-10	Units	L0009091-11	Units	L0009091-12	Units	L0009122-01	Units	L0009122-02	Units
PARAMETER														
Asbestos										0	%	0	%	
Solids, Total														
Hydrocarbons, Total(IR)	200	mg/kg								<40	mg/kg	<40	mg/kg	
METALS														
Antimony, Total	10	mg/kg		<2	mg/kg	<2	mg/kg			<2	mg/kg	<2	mg/kg	
Arsenic, Total	30	mg/kg		4.9	mg/kg	5.6	mg/kg			2.6	mg/kg	3.2	mg/kg	
Beryllium, Total	0.7	mg/kg		<0.2	mg/kg	<0.2	mg/kg			0.37	mg/kg	0.48	mg/kg	
Cadmium, Total	30	mg/kg		<0.4	mg/kg	<0.4	mg/kg			<0.49	mg/kg	<0.49	mg/kg	
Chromium, Total	1000	mg/kg		5.3	mg/kg	5.3	mg/kg			8	mg/kg	10	mg/kg	
Copper, Total	1000	mg/kg		19	mg/kg	19	mg/kg			22	mg/kg	34	mg/kg	
Lead, Total	300	mg/kg		9	mg/kg	10	mg/kg			13	mg/kg	14	mg/kg	
Mercury, Total	20	mg/kg		<0.25	mg/kg	<0.25	mg/kg			<0.25	mg/kg	<0.25	mg/kg	
Nickel, Total	300	mg/kg		7.3	mg/kg	7.6	mg/kg			7.6	mg/kg	9.1	mg/kg	
Selenium, Total	400	mg/kg		<0.8	mg/kg	<0.79	mg/kg			<0.79	mg/kg	<0.79	mg/kg	
Silver, Total	100	mg/kg		<0.4	mg/kg	<0.4	mg/kg			<0.39	mg/kg	<0.4	mg/kg	
Thallium, Total	8	mg/kg		<0.8	mg/kg	<0.79	mg/kg			<0.79	mg/kg	<0.79	mg/kg	
Zinc, Total	2500	mg/kg		32	mg/kg	31	mg/kg			34	mg/kg	34	mg/kg	
VOCs														
Methylene chloride	8	mg/kg	<290	ug/kg	<280	ug/kg	<280	ug/kg	<5	ug/l	<280	ug/kg	<290	ug/kg
1,1-Dichloroethane	2500	mg/kg	<7.8	ug/kg	<7.7	ug/kg	<8	ug/kg	<1.5	ug/l	<8	ug/kg	<7.7	ug/kg
Chloroform			<7.8	ug/kg	<7.7	ug/kg	<8	ug/kg	<1.5	ug/l	<8	ug/kg	<7.7	ug/kg
Carbon tetrachloride			<5.2	ug/kg	<5.2	ug/kg	<5.3	ug/kg	<1	ug/l	<5.3	ug/kg	<5.2	ug/kg
1,2-Dichloropropane			<18	ug/kg	<18	ug/kg	<19	ug/kg	<3.5	ug/l	<19	ug/kg	<18	ug/kg
Dibromochloromethane			<5.2	ug/kg	<5.2	ug/kg	<5.3	ug/kg	<1	ug/l	<5.3	ug/kg	<5.2	ug/kg
1,1,2-Trichloroethane			<7.8	ug/kg	<7.7	ug/kg	<8	ug/kg	<1.5	ug/l	<8	ug/kg	<7.7	ug/kg
Tetrachloroethene			<5.2	ug/kg	<5.2	ug/kg	<5.3	ug/kg	<1	ug/l	<5.3	ug/kg	<5.2	ug/kg
Chlorobenzene			<18	ug/kg	<18	ug/kg	<19	ug/kg	<3.5	ug/l	<19	ug/kg	<18	ug/kg
Trichlorofluoromethane			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
1,2-Dichloroethane			<5.2	ug/kg	<5.2	ug/kg	<5.3	ug/kg	<1	ug/l	<5.3	ug/kg	<5.2	ug/kg
1,1,1-Trichloroethane			<5.2	ug/kg	<5.2	ug/kg	<5.3	ug/kg	<1	ug/l	<5.3	ug/kg	<5.2	ug/kg
Bromodichloromethane			<5.2	ug/kg	<5.2	ug/kg	<5.3	ug/kg	<1	ug/l	<5.3	ug/kg	<5.2	ug/kg
trans-1,3-Dichloropropene			<5.2	ug/kg	<5.2	ug/kg	<5.3	ug/kg	<1	ug/l	<5.3	ug/kg	<5.2	ug/kg
cis-1,3-Dichloropropene			<5.2	ug/kg	<5.2	ug/kg	<5.3	ug/kg	<1	ug/l	<5.3	ug/kg	<5.2	ug/kg
1,1-Dichloropropene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
Bromoform			<5.2	ug/kg	<5.2	ug/kg	<5.3	ug/kg	<1	ug/l	<5.3	ug/kg	<5.2	ug/kg
1,1,2,2-Tetrachloroethane			<5.2	ug/kg	<5.2	ug/kg	<5.3	ug/kg	<1	ug/l	<5.3	ug/kg	<5.2	ug/kg
Benzene			<5.2	ug/kg	<5.2	ug/kg	<5.3	ug/kg	<1	ug/l	<5.3	ug/kg	<5.2	ug/kg
Toluene			<7.8	ug/kg	<7.7	ug/kg	<8	ug/kg	<1.5	ug/l	<8	ug/kg	<7.7	ug/kg
Ethylbenzene			<5.2	ug/kg	<5.2	ug/kg	<5.3	ug/kg	<1	ug/l	<5.3	ug/kg	<5.2	ug/kg
Chloromethane			<52	ug/kg	<52	ug/kg	<53	ug/kg	<10	ug/l	<53	ug/kg	<52	ug/kg
Bromomethane			<10	ug/kg	<10	ug/kg	<11	ug/kg	<2	ug/l	<11	ug/kg	<10	ug/kg
Vinyl chloride			<10	ug/kg	<10	ug/kg	<11	ug/kg	<2	ug/l	<11	ug/kg	<10	ug/kg
Chloroethane			<10	ug/kg	<10	ug/kg	<11	ug/kg	<2	ug/l	<11	ug/kg	<10	ug/kg
1,1-Dichloroethene			<7.8	ug/kg	<7.7	ug/kg	<8	ug/kg	<1.5	ug/l	<8	ug/kg	<7.7	ug/kg
trans-1,2-Dichloroethene			<7.8	ug/kg	<7.7	ug/kg	<8	ug/kg	<1.5	ug/l	<8	ug/kg	<7.7	ug/kg
Trichloroethene			<5.2	ug/kg	<5.2	ug/kg	<5.3	ug/kg	<1	ug/l	<5.3	ug/kg	<5.2	ug/kg
1,2-Dichlorobenzene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
1,3-Dichlorobenzene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
1,4-Dichlorobenzene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
Methyl tert butyl ether			<21	ug/kg	<21	ug/kg	<21	ug/kg	<4	ug/l	<21	ug/kg	<21	ug/kg
p/m-Xylene			<5.2	ug/kg	<5.2	ug/kg	<5.3	ug/kg	<1	ug/l	<5.3	ug/kg	<5.2	ug/kg
o-Xylene			<5.2	ug/kg	<5.2	ug/kg	<5.3	ug/kg	<1	ug/l	<5.3	ug/kg	<5.2	ug/kg
cis-1,2-Dichloroethene			<5.2	ug/kg	<5.2	ug/kg	<5.3	ug/kg	<1	ug/l	<5.3	ug/kg	<5.2	ug/kg
Dibromomethane			<52	ug/kg	<52	ug/kg	<53	ug/kg	<10	ug/l	<53	ug/kg	<52	ug/kg
1,4-Dichlorobutane			<52	ug/kg	<52	ug/kg	<53	ug/kg	<10	ug/l	<53	ug/kg	<52	ug/kg
Iodomethane			<52	ug/kg	<52	ug/kg	<53	ug/kg	<10	ug/l	<53	ug/kg	<52	ug/kg

LOCATION NAME			Louis Burrell		Louis Burrell		Louis Burrell		TRIP BLANK		Nixon 3		Nixon 3	
LOCATION	Reportable Conc.		IR-02592		IR-02593		IR-02594		IR-02598		1R-02599		1R-02681	
SAMPLING DATE	(MA MCP)		6-Oct-00		6-Oct-00		6-Oct-00		2-Oct-00		10-Oct-00		10-Oct-00	
LAB SAMPLE ID	S1 soils	Units	L0009091-09	Units	L0009091-10	Units	L0009091-11	Units	L0009091-12	Units	L0009122-01	Units	L0009122-02	Units
1,2,3-Trichloropropane			<52	ug/kg	<52	ug/kg	<53	ug/kg	<10	ug/l	<53	ug/kg	<52	ug/kg
Styrene			<5.2	ug/kg	<5.2	ug/kg	<5.3	ug/kg	<1	ug/l	<5.3	ug/kg	<5.2	ug/kg
Dichlorodifluoromethane			<52	ug/kg	<52	ug/kg	<53	ug/kg	<10	ug/l	<53	ug/kg	<52	ug/kg
Acetone			<52	ug/kg	<52	ug/kg	<53	ug/kg	<10	ug/l	<53	ug/kg	<52	ug/kg
Carbon disulfide			<52	ug/kg	<52	ug/kg	<53	ug/kg	<10	ug/l	<53	ug/kg	<52	ug/kg
2-Butanone			<52	ug/kg	<52	ug/kg	<53	ug/kg	<10	ug/l	<53	ug/kg	<52	ug/kg
Vinyl acetate			<52	ug/kg	<52	ug/kg	<53	ug/kg	<10	ug/l	<53	ug/kg	<52	ug/kg
4-Methyl-2-pentanone			<52	ug/kg	<52	ug/kg	<53	ug/kg	<10	ug/l	<53	ug/kg	<52	ug/kg
2-Hexanone			<52	ug/kg	<52	ug/kg	<53	ug/kg	<10	ug/l	<53	ug/kg	<52	ug/kg
Ethyl methacrylate			<52	ug/kg	<52	ug/kg	<53	ug/kg	<10	ug/l	<53	ug/kg	<52	ug/kg
Acrolein			<130	ug/kg	<130	ug/kg	<130	ug/kg	<25	ug/l	<130	ug/kg	<130	ug/kg
Acrylonitrile			<52	ug/kg	<52	ug/kg	<53	ug/kg	<10	ug/l	<53	ug/kg	<52	ug/kg
Bromo-chloromethane			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
Tetrahydrofuran			<100	ug/kg	<100	ug/kg	<110	ug/kg	<20	ug/l	<110	ug/kg	<100	ug/kg
2,2-Dichloropropane			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
1,2-Dibromoethane			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
1,3-Dichloropropane			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
1,1,1,2-Tetrachloroethane			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
Bromobenzene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
n-Butylbenzene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
sec-Butylbenzene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
tert-Butylbenzene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
o-Chlorotoluene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
p-Chlorotoluene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
1,2-Dibromo-3-chloropropane			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
Hexachlorobutadiene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
Isopropylbenzene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
p-Isopropyltoluene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
Naphthalene			<500	ug/kg	<500	ug/kg	<500	ug/kg	<5	ug/l	<500	ug/kg	<500	ug/kg
n-Propylbenzene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
1,2,3-Trichlorobenzene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
1,2,4-Trichlorobenzene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
1,3,5-Trimethylbenzene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
1,2,4-Trimethylbenzene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
trans-1,4-Dichloro-2-butene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<5	ug/l	<26	ug/kg	<26	ug/kg
Ethyl ether			<130	ug/kg	<130	ug/kg	<130	ug/kg	<25	ug/l	<130	ug/kg	<130	ug/kg
PNAs														
Acenaphthene			<500	ug/kg	<500	ug/kg	<500	ug/kg			<500	ug/kg	<500	ug/kg
2-Chloronaphthalene			<500	ug/kg	<500	ug/kg	<500	ug/kg			<500	ug/kg	<500	ug/kg
Fluoranthene			<500	ug/kg	<500	ug/kg	<500	ug/kg			<500	ug/kg	<500	ug/kg
Naphthalene			<500	ug/kg	<500	ug/kg	<500	ug/kg	<5	ug/l	<500	ug/kg	<500	ug/kg
Benzo(a)anthracene			<500	ug/kg	<500	ug/kg	<500	ug/kg			<500	ug/kg	<500	ug/kg
Benzo(a)pyrene			<500	ug/kg	<500	ug/kg	<500	ug/kg			<500	ug/kg	<500	ug/kg
Benzo(b)fluoranthene			<500	ug/kg	<500	ug/kg	<500	ug/kg			<500	ug/kg	<500	ug/kg
Benzo(k)fluoranthene			<500	ug/kg	<500	ug/kg	<500	ug/kg			<500	ug/kg	<500	ug/kg
Chrysene			<500	ug/kg	<500	ug/kg	<500	ug/kg			<500	ug/kg	<500	ug/kg
Acenaphthylene			<500	ug/kg	<500	ug/kg	<500	ug/kg			<500	ug/kg	<500	ug/kg
Anthracene			<500	ug/kg	<500	ug/kg	<500	ug/kg			<500	ug/kg	<500	ug/kg
Benzo(ghi)perylene			<500	ug/kg	<500	ug/kg	<500	ug/kg			<500	ug/kg	<500	ug/kg
Fluorene			<500	ug/kg	<500	ug/kg	<500	ug/kg			<500	ug/kg	<500	ug/kg
Phenanthrene			<500	ug/kg	<500	ug/kg	<500	ug/kg			<500	ug/kg	<500	ug/kg
Dibenzo(a,h)anthracene			<500	ug/kg	<500	ug/kg	<500	ug/kg			<500	ug/kg	<500	ug/kg
Indeno(1,2,3-cd)pyrene			<500	ug/kg	<500	ug/kg	<500	ug/kg			<500	ug/kg	<500	ug/kg
Pyrene			<500	ug/kg	<500	ug/kg	<500	ug/kg			<500	ug/kg	<500	ug/kg
Benzo(e)pyrene			<500	ug/kg	<500	ug/kg	<500	ug/kg			<500	ug/kg	<500	ug/kg
Biphenyl			<500	ug/kg	<500	ug/kg	<500	ug/kg			<500	ug/kg	<500	ug/kg
Perylene			<500	ug/kg	<500	ug/kg	<500	ug/kg			<500	ug/kg	<500	ug/kg
1-Methylnaphthalene			<500	ug/kg	<500	ug/kg	<500	ug/kg			<500	ug/kg	<500	ug/kg

LOCATION NAME		Nixon 3		Plum Creek		Plum Creek		Plum Creek		Ward Lower		Ward Lower		
LOCATION	Reportable Conc.	1R-02682		1R-02683		1R-02685		1R-02686		1R-02688		1R-02689		
SAMPLING DATE	(MA MCP)	10-Oct-00		10-Oct-00		10-Oct-00		10-Oct-00		10-Oct-00		10-Oct-00		
LAB SAMPLE ID	S1 soils	Units	L0009122-03	Units	L0009122-04	Units	L0009122-05	Units	L0009122-06	Units	L0009122-07	Units	L0009122-08	Units
PARAMETER														
Asbestos			0	%	0	%	0	%	0	%	0	%	0	%
Solids, Total														
Hydrocarbons, Total(IR)	200	mg/kg	<40	mg/kg	71	mg/kg	<40	mg/kg	100	mg/kg	<40	mg/kg	<40	mg/kg
METALS														
Antimony, Total	10	mg/kg	<2	mg/kg	<2	mg/kg	<2	mg/kg	<2	mg/kg	<2	mg/kg	<2	mg/kg
Arsenic, Total	30	mg/kg	3	mg/kg	6	mg/kg	8	mg/kg	4.4	mg/kg	2.8	mg/kg	7.1	mg/kg
Beryllium, Total	0.7	mg/kg	0.49	mg/kg	0.42	mg/kg	0.52	mg/kg	<0.2	mg/kg	<0.2	mg/kg	0.43	mg/kg
Cadmium, Total	30	mg/kg	<0.5	mg/kg	<0.5	mg/kg	<0.5	mg/kg	<0.5	mg/kg	<0.5	mg/kg	<0.5	mg/kg
Chromium, Total	1000	mg/kg	9.3	mg/kg	7.3	mg/kg	10	mg/kg	3.9	mg/kg	4.3	mg/kg	8.7	mg/kg
Copper, Total	1000	mg/kg	41	mg/kg	15	mg/kg	22	mg/kg	10	mg/kg	7.1	mg/kg	19	mg/kg
Lead, Total	300	mg/kg	16	mg/kg	<10	mg/kg	12	mg/kg	<10	mg/kg	<9.9	mg/kg	14	mg/kg
Mercury, Total	20	mg/kg	<0.25	mg/kg	<0.25	mg/kg	<0.25	mg/kg	<0.25	mg/kg	<0.25	mg/kg	<0.25	mg/kg
Nickel, Total	300	mg/kg	9.1	mg/kg	8.8	mg/kg	14	mg/kg	5	mg/kg	5.2	mg/kg	11	mg/kg
Selenium, Total	400	mg/kg	<0.79	mg/kg	<0.8	mg/kg	<0.79	mg/kg	<0.8	mg/kg	<0.8	mg/kg	<0.79	mg/kg
Silver, Total	100	mg/kg	<0.4	mg/kg	<0.4	mg/kg	<0.4	mg/kg	<0.4	mg/kg	<0.4	mg/kg	<0.4	mg/kg
Thallium, Total	8	mg/kg	<0.79	mg/kg	<0.8	mg/kg	<0.79	mg/kg	<0.8	mg/kg	<0.8	mg/kg	<0.79	mg/kg
Zinc, Total	2500	mg/kg	31	mg/kg	34	mg/kg	52	mg/kg	20	mg/kg	20	mg/kg	46	mg/kg
VOCs														
Methylene chloride	8	mg/kg	<290	ug/kg	<280	ug/kg	<100	ug/kg	<78	ug/kg	<25	ug/kg	<75	ug/kg
1,1-Dichloroethane	2500	mg/kg	<7.6	ug/kg	<7.7	ug/kg	<7.7	ug/kg	<7.6	ug/kg	<7.5	ug/kg	<7.8	ug/kg
Chloroform			<7.6	ug/kg	<7.7	ug/kg	<7.7	ug/kg	<7.6	ug/kg	<7.5	ug/kg	<7.8	ug/kg
Carbon tetrachloride			<5.1	ug/kg	<5.2	ug/kg	<5.2	ug/kg	<5.1	ug/kg	<5	ug/kg	<5.2	ug/kg
1,2-Dichloropropane			<18	ug/kg	<18	ug/kg								
Dibromochloromethane			<5.1	ug/kg	<5.2	ug/kg	<5.2	ug/kg	<5.1	ug/kg	<5	ug/kg	<5.2	ug/kg
1,1,2-Trichloroethane			<7.6	ug/kg	<7.7	ug/kg	<7.7	ug/kg	<7.6	ug/kg	<7.5	ug/kg	<7.8	ug/kg
Tetrachloroethene			<5.1	ug/kg	<5.2	ug/kg	<5.2	ug/kg	<5.1	ug/kg	<5	ug/kg	<5.2	ug/kg
Chlorobenzene			<18	ug/kg	<18	ug/kg								
Trichlorofluoromethane			<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<25	ug/kg	<26	ug/kg
1,2-Dichloroethane			<5.1	ug/kg	<5.2	ug/kg	<5.2	ug/kg	<5.1	ug/kg	<5	ug/kg	<5.2	ug/kg
1,1,1-Trichloroethane			<5.1	ug/kg	<5.2	ug/kg	<5.2	ug/kg	<5.1	ug/kg	<5	ug/kg	<5.2	ug/kg
Bromodichloromethane			<5.1	ug/kg	<5.2	ug/kg	<5.2	ug/kg	<5.1	ug/kg	<5	ug/kg	<5.2	ug/kg
trans-1,3-Dichloropropene			<5.1	ug/kg	<5.2	ug/kg	<5.2	ug/kg	<5.1	ug/kg	<5	ug/kg	<5.2	ug/kg
cis-1,3-Dichloropropene			<5.1	ug/kg	<5.2	ug/kg	<5.2	ug/kg	<5.1	ug/kg	<5	ug/kg	<5.2	ug/kg
1,1-Dichloropropene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<25	ug/kg	<26	ug/kg
Bromoform			<5.1	ug/kg	<5.2	ug/kg	<5.2	ug/kg	<5.1	ug/kg	<5	ug/kg	<5.2	ug/kg
1,1,2,2-Tetrachloroethane			<5.1	ug/kg	<5.2	ug/kg	<5.2	ug/kg	<5.1	ug/kg	<5	ug/kg	<5.2	ug/kg
Benzene			<5.1	ug/kg	<5.2	ug/kg	<5.2	ug/kg	<5.1	ug/kg	<5	ug/kg	<5.2	ug/kg
Toluene			<7.6	ug/kg	<7.7	ug/kg	<7.7	ug/kg	<7.6	ug/kg	<7.5	ug/kg	<7.8	ug/kg
Ethylbenzene			<5.1	ug/kg	<5.2	ug/kg	<5.2	ug/kg	<5.1	ug/kg	<5	ug/kg	<5.2	ug/kg
Chloromethane			<51	ug/kg	<52	ug/kg	<52	ug/kg	<51	ug/kg	<50	ug/kg	<52	ug/kg
Bromomethane			<10	ug/kg	<10	ug/kg								
Vinyl chloride			<10	ug/kg	<10	ug/kg								
Chloroethane			<10	ug/kg	<10	ug/kg								
1,1-Dichloroethene			<7.6	ug/kg	<7.7	ug/kg	<7.7	ug/kg	<7.6	ug/kg	<7.5	ug/kg	<7.8	ug/kg
trans-1,2-Dichloroethene			<7.6	ug/kg	<7.7	ug/kg	<7.7	ug/kg	<7.6	ug/kg	<7.5	ug/kg	<7.8	ug/kg
Trichloroethene			<5.1	ug/kg	<5.2	ug/kg	<5.2	ug/kg	<5.1	ug/kg	<5	ug/kg	<5.2	ug/kg
1,2-Dichlorobenzene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<25	ug/kg	<26	ug/kg
1,3-Dichlorobenzene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<25	ug/kg	<26	ug/kg
1,4-Dichlorobenzene			<26	ug/kg	<26	ug/kg	<26	ug/kg	<26	ug/kg	<25	ug/kg	<26	ug/kg
Methyl tert butyl ether			<20	ug/kg	<21	ug/kg	<21	ug/kg	<20	ug/kg	<20	ug/kg	<21	ug/kg
p/m-Xylene			<5.1	ug/kg	<5.2	ug/kg	<5.2	ug/kg	<5.1	ug/kg	<5	ug/kg	<5.2	ug/kg
o-Xylene			<5.1	ug/kg	<5.2	ug/kg	<5.2	ug/kg	<5.1	ug/kg	<5	ug/kg	<5.2	ug/kg
cis-1,2-Dichloroethene			<5.1	ug/kg	<5.2	ug/kg	<5.2	ug/kg	<5.1	ug/kg	<5	ug/kg	<5.2	ug/kg
Dibromomethane			<51	ug/kg	<52	ug/kg	<52	ug/kg	<51	ug/kg	<50	ug/kg	<52	ug/kg
1,4-Dichlorobutane			<51	ug/kg	<52	ug/kg	<52	ug/kg	<51	ug/kg	<50	ug/kg	<52	ug/kg
Iodomethane			<51	ug/kg	<52	ug/kg	<52	ug/kg	<51	ug/kg	<50	ug/kg	<52	ug/kg

LOCATION NAME		Ward Lower			Field Blank		Nixon-2		Nixon-2		Nixon-2		
LOCATION	Reportable Conc.	1R-02690		TRIP BLANK	IR-02698		IR-02692		IR-02693		IR-02695		
SAMPLING DATE	(MA MCP)	10-Oct-00		2-Oct-00	9-Oct-00		11-Oct-00		11-Oct-00		11-Oct-00		
LAB SAMPLE ID	S1 soils	Units	L0009122-09	Units	L0009122-10	Units	L0009238-01	Units	L0009238-02	Units	L0009238-03	Units	
PARAMETER													
Asbestos		0	%				0	%	0	%	0	%	
Solids, Total													
Hydrocarbons, Total(IR)	200	mg/kg	160	mg/kg									
METALS													
Antimony, Total	10	mg/kg	<2	mg/kg		<0.05	mg/l	<2	mg/kg	<2	mg/kg	<2	mg/kg
Arsenic, Total	30	mg/kg	2.8	mg/kg		<0.005	mg/l	5.1	mg/kg	3.1	mg/kg	3.2	mg/kg
Beryllium, Total	0.7	mg/kg	<0.2	mg/kg		<0.005	mg/l	0.3	mg/kg	0.29	mg/kg	0.33	mg/kg
Cadmium, Total	30	mg/kg	<0.49	mg/kg		<0.005	mg/l	<0.4	mg/kg	<0.4	mg/kg	<0.4	mg/kg
Chromium, Total	1000	mg/kg	3.3	mg/kg		<0.01	mg/l	6.7	mg/kg	7.6	mg/kg	8	mg/kg
Copper, Total	1000	mg/kg	8.8	mg/kg		<0.01	mg/l	28	mg/kg	29	mg/kg	37	mg/kg
Lead, Total	300	mg/kg	<9.9	mg/kg		<0.01	mg/l	42	mg/kg	11	mg/kg	17	mg/kg
Mercury, Total	20	mg/kg	<0.25	mg/kg		<0.0005	mg/l	<0.25	mg/kg	<0.25	mg/kg	<0.25	mg/kg
Nickel, Total	300	mg/kg	4.9	mg/kg		<0.025	mg/l	6.6	mg/kg	7.6	mg/kg	7.1	mg/kg
Selenium, Total	400	mg/kg	<0.79	mg/kg		<0.005	mg/l	<0.79	mg/kg	<0.8	mg/kg	<0.8	mg/kg
Silver, Total	100	mg/kg	<0.4	mg/kg		<0.01	mg/l	<0.4	mg/kg	<0.4	mg/kg	<0.4	mg/kg
Thallium, Total	8	mg/kg	<0.79	mg/kg		<0.005	mg/l	<0.79	mg/kg	<0.8	mg/kg	<0.8	mg/kg
Zinc, Total	2500	mg/kg	22	mg/kg		<0.05	mg/l	56	mg/kg	25	mg/kg	48	mg/kg
VOCs													
Methylene chloride	8	mg/kg	<52	ug/kg	<5	ug/l		<25	ug/kg	<25	ug/kg	<25	ug/kg
1,1-Dichloroethane	2500	mg/kg	<7.7	ug/kg	<1.5	ug/l		<7.5	ug/kg	<7.6	ug/kg	<7.6	ug/kg
Chloroform			<7.7	ug/kg	<1.5	ug/l		<7.5	ug/kg	<7.6	ug/kg	<7.6	ug/kg
Carbon tetrachloride			<5.2	ug/kg	<1	ug/l		<5	ug/kg	<5	ug/kg	<5	ug/kg
1,2-Dichloropropane			<18	ug/kg	<3.5	ug/l		<18	ug/kg	<18	ug/kg	<18	ug/kg
Dibromochloromethane			<5.2	ug/kg	<1	ug/l		<5	ug/kg	<5	ug/kg	<5	ug/kg
1,1,2-Trichloroethane			<7.7	ug/kg	<1.5	ug/l		<7.5	ug/kg	<7.6	ug/kg	<7.6	ug/kg
Tetrachloroethene			<5.2	ug/kg	<1	ug/l		<5	ug/kg	<5	ug/kg	<5	ug/kg
Chlorobenzene			<18	ug/kg	<3.5	ug/l		<18	ug/kg	<18	ug/kg	<18	ug/kg
Trichlorofluoromethane			<26	ug/kg	<5	ug/l		<25	ug/kg	<25	ug/kg	<25	ug/kg
1,2-Dichloroethane			<5.2	ug/kg	<1	ug/l		<5	ug/kg	<5	ug/kg	<5	ug/kg
1,1,1-Trichloroethane			<5.2	ug/kg	<1	ug/l		<5	ug/kg	<5	ug/kg	<5	ug/kg
Bromodichloromethane			<5.2	ug/kg	<1	ug/l		<5	ug/kg	<5	ug/kg	<5	ug/kg
trans-1,3-Dichloropropene			<5.2	ug/kg	<1	ug/l		<5	ug/kg	<5	ug/kg	<5	ug/kg
cis-1,3-Dichloropropene			<5.2	ug/kg	<1	ug/l		<5	ug/kg	<5	ug/kg	<5	ug/kg
1,1-Dichloropropene			<26	ug/kg	<5	ug/l		<25	ug/kg	<25	ug/kg	<25	ug/kg
Bromoform			<5.2	ug/kg	<1	ug/l		<5	ug/kg	<5	ug/kg	<5	ug/kg
1,1,2-Tetrachloroethane			<5.2	ug/kg	<1	ug/l		<5	ug/kg	<5	ug/kg	<5	ug/kg
Benzene			<5.2	ug/kg	<1	ug/l		<5	ug/kg	<5	ug/kg	<5	ug/kg
Toluene			<7.7	ug/kg	<1.5	ug/l		<7.5	ug/kg	<7.6	ug/kg	<7.6	ug/kg
Ethylbenzene			<5.2	ug/kg	<1	ug/l		<5	ug/kg	<5	ug/kg	<5	ug/kg
Chloromethane			<52	ug/kg	<10	ug/l		<50	ug/kg	<50	ug/kg	<50	ug/kg
Bromomethane			<10	ug/kg	<2	ug/l		<10	ug/kg	<10	ug/kg	<10	ug/kg
Vinyl chloride			<10	ug/kg	<2	ug/l		<10	ug/kg	<10	ug/kg	<10	ug/kg
Chloroethane			<10	ug/kg	<2	ug/l		<10	ug/kg	<10	ug/kg	<10	ug/kg
1,1-Dichloroethene			<7.7	ug/kg	<1.5	ug/l		<7.5	ug/kg	<7.6	ug/kg	<7.6	ug/kg
trans-1,2-Dichloroethene			<7.7	ug/kg	<1.5	ug/l		<7.5	ug/kg	<7.6	ug/kg	<7.6	ug/kg
Trichloroethene			<5.2	ug/kg	<1	ug/l		<5	ug/kg	<5	ug/kg	<5	ug/kg
1,2-Dichlorobenzene			<26	ug/kg	<5	ug/l		<25	ug/kg	<25	ug/kg	<25	ug/kg
1,3-Dichlorobenzene			<26	ug/kg	<5	ug/l		<25	ug/kg	<25	ug/kg	<25	ug/kg
1,4-Dichlorobenzene			<26	ug/kg	<5	ug/l		<25	ug/kg	<25	ug/kg	<25	ug/kg
Methyl tert butyl ether			<21	ug/kg	<4	ug/l		<20	ug/kg	<20	ug/kg	<20	ug/kg
p/m-Xylene			<5.2	ug/kg	<1	ug/l		<5	ug/kg	<5	ug/kg	<5	ug/kg
o-Xylene			<5.2	ug/kg	<1	ug/l		<5	ug/kg	<5	ug/kg	<5	ug/kg
cis-1,2-Dichloroethene			<5.2	ug/kg	<1	ug/l		<5	ug/kg	<5	ug/kg	<5	ug/kg
Dibromomethane			<52	ug/kg	<10	ug/l		<50	ug/kg	<50	ug/kg	<50	ug/kg
1,4-Dichlorobutane			<52	ug/kg	<10	ug/l		<50	ug/kg	<50	ug/kg	<50	ug/kg
Iodomethane			<52	ug/kg	<10	ug/l		<50	ug/kg	<50	ug/kg	<50	ug/kg

LOCATION NAME	Reportable Conc.		Ward Lower			Field Blank		Nixon-2		Nixon-2		Nixon-2	
LOCATION	(MA MCP)		1R-02690		TRIP BLANK	IR-02698		IR-02692		IR-02693		IR-02695	
SAMPLING DATE			10-Oct-00		2-Oct-00	9-Oct-00		11-Oct-00		11-Oct-00		11-Oct-00	
LAB SAMPLE ID	S1 soils	Units	L0009122-09	Units	L0009122-10	Units	L0009238-01	Units	L0009238-02	Units	L0009238-03	Units	L0009238-04
2-Methylnaphthalene			<500	ug/kg									
Pesticides													
Delta-BHC			<20	ug/kg				<40	ug/kg	<20	ug/kg	<20	ug/kg
Lindane			<20	ug/kg				<40	ug/kg	<20	ug/kg	<20	ug/kg
Alpha-BHC			<20	ug/kg				<40	ug/kg	<20	ug/kg	<20	ug/kg
Beta-BHC			<20	ug/kg				<40	ug/kg	<20	ug/kg	<20	ug/kg
Heptachlor			<20	ug/kg				<40	ug/kg	<20	ug/kg	<20	ug/kg
Aldrin			<20	ug/kg				<40	ug/kg	<20	ug/kg	<20	ug/kg
Heptachlor epoxide			<20	ug/kg				<40	ug/kg	<20	ug/kg	<20	ug/kg
Endrin			<20	ug/kg				<40	ug/kg	<20	ug/kg	<20	ug/kg
Endrin aldehyde			<20	ug/kg				<40	ug/kg	<20	ug/kg	<20	ug/kg
Endrin ketone			<20	ug/kg				<40	ug/kg	<20	ug/kg	<20	ug/kg
Dieldrin			<20	ug/kg				<40	ug/kg	<20	ug/kg	<20	ug/kg
4,4'-DDE			<20	ug/kg				<40	ug/kg	<20	ug/kg	<20	ug/kg
4,4'-DDD			<20	ug/kg				<40	ug/kg	<20	ug/kg	<20	ug/kg
4,4'-DDT			<20	ug/kg				<40	ug/kg	<20	ug/kg	<20	ug/kg
Endosulfan I			<20	ug/kg				<40	ug/kg	<20	ug/kg	<20	ug/kg
Endosulfan II			<20	ug/kg				<40	ug/kg	<20	ug/kg	<20	ug/kg
Endosulfan sulfate			<20	ug/kg				<40	ug/kg	<20	ug/kg	<20	ug/kg
Methoxychlor			<20	ug/kg				<40	ug/kg	<20	ug/kg	<20	ug/kg
Toxaphene			<80	ug/kg				<160	ug/kg	<80	ug/kg	<80	ug/kg
Chlordane			<80	ug/kg				<160	ug/kg	<80	ug/kg	<80	ug/kg
cis-Chlordane			<20	ug/kg				<40	ug/kg	<20	ug/kg	<20	ug/kg
trans-Chlordane			<20	ug/kg				<40	ug/kg	<20	ug/kg	<20	ug/kg
PCBs													
Aroclor 1221			<200	ug/kg				<400	ug/kg	<200	ug/kg	<200	ug/kg
Aroclor 1232			<200	ug/kg				<400	ug/kg	<200	ug/kg	<200	ug/kg
Aroclor 1242/1016			<200	ug/kg				<400	ug/kg	<200	ug/kg	<200	ug/kg
Aroclor 1248			<200	ug/kg				<400	ug/kg	<200	ug/kg	<200	ug/kg
Aroclor 1254			<200	ug/kg				<400	ug/kg	<200	ug/kg	<200	ug/kg
Aroclor 1260			<200	ug/kg				<400	ug/kg	<200	ug/kg	<200	ug/kg
Herbicides													
MCPP						<280	ug/l						
MCPA						<280	ug/l						
Dalapon						<11	ug/l						
Dicamba						<0.556	ug/l						
Dichloroprop						<5.6	ug/l						
2,4-D						<5.6	ug/l						
2,4-DB						<5.6	ug/l						
2,4,5-T						<0.556	ug/l						
2,4,5-TP (Silvex)						<0.556	ug/l						
Dinoseb						<2.8	ug/l						

LOCATION NAME		Nixon-2		Nixon-2			Field Blank		Field Blank	
LOCATION	Reportable Conc.	IR-02696		IR-02697		TRIP BLANK	IR-02765		IR-02766	
SAMPLING DATE	(MA MCP)	11-Oct-00		11-Oct-00		2-Oct-00	12-Oct-00		11-Oct-00	
LAB SAMPLE ID	S1 soils	Units	L0009238-05	Units	L0009238-06	Units	L0009238-07	Units	L0009371-04	Units
PARAMETER										
Asbestos		0	%	0	%					
Solids, Total										
Hydrocarbons, Total(IR)	200	mg/kg					5.3	mg/l		
METALS										
Antimony, Total	10	mg/kg	<2	mg/kg	<2	mg/kg	<0.05	mg/l		
Arsenic, Total	30	mg/kg	2.6	mg/kg	2.3	mg/kg	<0.005	mg/l		
Beryllium, Total	0.7	mg/kg	0.3	mg/kg	0.31	mg/kg	<0.005	mg/l		
Cadmium, Total	30	mg/kg	<0.4	mg/kg	<0.4	mg/kg	<0.005	mg/l		
Chromium, Total	1000	mg/kg	6.8	mg/kg	7.9	mg/kg	<0.01	mg/l		
Copper, Total	1000	mg/kg	25	mg/kg	23	mg/kg	<0.01	mg/l		
Lead, Total	300	mg/kg	21	mg/kg	14	mg/kg	<0.01	mg/l		
Mercury, Total	20	mg/kg	<0.25	mg/kg	<0.25	mg/kg	<0.0005	mg/l		
Nickel, Total	300	mg/kg	6.3	mg/kg	6.6	mg/kg	<0.025	mg/l		
Selenium, Total	400	mg/kg	<0.79	mg/kg	<0.79	mg/kg	<0.005	mg/l		
Silver, Total	100	mg/kg	<0.4	mg/kg	<0.4	mg/kg	<0.01	mg/l		
Thallium, Total	8	mg/kg	<0.79	mg/kg	<0.79	mg/kg	<0.005	mg/l		
Zinc, Total	2500	mg/kg	38	mg/kg	34	mg/kg	<0.05	mg/l		
VOCs										
Methylene chloride	8	mg/kg	<26	ug/kg	<25	ug/kg	<5	ug/l		
1,1-Dichloroethane	2500	mg/kg	<7.8	ug/kg	<7.4	ug/kg	<1.5	ug/l	<1.5	ug/l
Chloroform			<7.8	ug/kg	<7.4	ug/kg	<1.5	ug/l	<1.5	ug/l
Carbon tetrachloride			<5.2	ug/kg	<5	ug/kg	<1	ug/l	<1	ug/l
1,2-Dichloropropane			<18	ug/kg	<17	ug/kg	<3.5	ug/l	<3.5	ug/l
Dibromochloromethane			<5.2	ug/kg	<5	ug/kg	<1	ug/l	<1	ug/l
1,1,2-Trichloroethane			<7.8	ug/kg	<7.4	ug/kg	<1.5	ug/l	<1.5	ug/l
Tetrachloroethene			<5.2	ug/kg	<5	ug/kg	<1	ug/l	<1	ug/l
Chlorobenzene			<18	ug/kg	<17	ug/kg	<3.5	ug/l	<3.5	ug/l
Trichlorofluoromethane			<26	ug/kg	<25	ug/kg	<5	ug/l	<5	ug/l
1,2-Dichloroethane			<5.2	ug/kg	<5	ug/kg	<1	ug/l	<1	ug/l
1,1,1-Trichloroethane			<5.2	ug/kg	<5	ug/kg	<1	ug/l	<1	ug/l
Bromodichloromethane			<5.2	ug/kg	<5	ug/kg	<1	ug/l	<1	ug/l
trans-1,3-Dichloropropene			<5.2	ug/kg	<5	ug/kg	<1	ug/l	<1	ug/l
cis-1,3-Dichloropropene			<5.2	ug/kg	<5	ug/kg	<1	ug/l	<1	ug/l
1,1-Dichloropropene			<26	ug/kg	<25	ug/kg	<5	ug/l	<5	ug/l
Bromoform			<5.2	ug/kg	<5	ug/kg	<1	ug/l	<1	ug/l
1,1,2,2-Tetrachloroethane			<5.2	ug/kg	<5	ug/kg	<1	ug/l	<1	ug/l
Benzene			<5.2	ug/kg	<5	ug/kg	<1	ug/l	<1	ug/l
Toluene			<7.8	ug/kg	<7.4	ug/kg	<1.5	ug/l	<1.5	ug/l
Ethylbenzene			<5.2	ug/kg	<5	ug/kg	<1	ug/l	<1	ug/l
Chloromethane			<52	ug/kg	<50	ug/kg	<10	ug/l	<10	ug/l
Bromomethane			<10	ug/kg	<9.9	ug/kg	<2	ug/l	<2	ug/l
Vinyl chloride			<10	ug/kg	<9.9	ug/kg	<2	ug/l	<2	ug/l
Chloroethane			<10	ug/kg	<9.9	ug/kg	<2	ug/l	<2	ug/l
1,1-Dichloroethene			<7.8	ug/kg	<7.4	ug/kg	<1.5	ug/l	<1.5	ug/l
trans-1,2-Dichloroethene			<7.8	ug/kg	<7.4	ug/kg	<1.5	ug/l	<1.5	ug/l
Trichloroethene			<5.2	ug/kg	<5	ug/kg	<1	ug/l	<1	ug/l
1,2-Dichlorobenzene			<26	ug/kg	<25	ug/kg	<5	ug/l	<5	ug/l
1,3-Dichlorobenzene			<26	ug/kg	<25	ug/kg	<5	ug/l	<5	ug/l
1,4-Dichlorobenzene			<26	ug/kg	<25	ug/kg	<5	ug/l	<5	ug/l
Methyl tert butyl ether			<21	ug/kg	<20	ug/kg	<4	ug/l	<4	ug/l
p/m-Xylene			<5.2	ug/kg	<5	ug/kg	<1	ug/l	<1	ug/l
o-Xylene			<5.2	ug/kg	<5	ug/kg	<1	ug/l	<1	ug/l
cis-1,2-Dichloroethene			<5.2	ug/kg	<5	ug/kg	<1	ug/l	<1	ug/l
Dibromomethane			<52	ug/kg	<50	ug/kg	<10	ug/l	<10	ug/l
1,4-Dichlorobutane			<52	ug/kg	<50	ug/kg	<10	ug/l	<10	ug/l
Iodomethane			<52	ug/kg	<50	ug/kg	<10	ug/l	<10	ug/l

Appendix B
Geotechnical Sampling Results &
Agronomic Specifications

TABLE 1

LOCATION SAMPLING DATE LAB SAMPLE ID	Recommended Percent Meeting Specifications	Kendall Ward 2-Oct-00 IR-02044	Remp 3-Oct-00 IR-02048	Louis Burrell Upslope 10-Oct-00 IR-02541	Louis Burrell Downslope 6-Oct-00 IR-02543	Nixon-1 6-Oct-00 IR-02551	Nixon-3 17-Oct-00 IR-02600	Plum Creek 17-Oct-00 IR-02684	Ward Lower 20-Oct-00 IR-02687	Nixon-1 13-Oct-00 IR-02691
Material		CF	CF		CF	CF	CF	CF	CF	CF
Sieve Size										
6 inch	100	100	100	100	100	100	100	100	100	100
No. 4	20-70	99.7	86	39.2	43.4	73.3	50.6	21.7	83.6	99.5
No. 20	0-10	93	70.9	9.4	15.5	58.1	43.5	9.4	64.6	93.4
No. 200 (% Fine)	0-10	14.2	21	0.8	2	48.2	33.6	3.9	20.5	77.1
% Silt		12.4		0.5	1.2	28.5	24.4	1.8	12.5	53.6
% Clay		1.6		0.3	0.8	19.7	9.2	2.1	8	23.5

*Sources not highlighted did not fall within the recommended percentages meeting the geotechnical specifications.

**Plum Creek source was selected over Louis Burrell based upon price.

TABLE 2

Source	Percentages			Classifications
	Sand	Clay	Silt	
Nixon Area 1	27.0%	30.0%	43.0%	Silt Loam/Loam
Nixon Deep Soil (5.5-6.0 ft)	22.0%	24.0%	54.0%	Silt Loam

*Nixon was selected based on its agronomic properties. It was similar to the owners' agronomic specifications in Section 2.4.

Appendix C
EMSL Laboratory Reports for Asbestos Testing

The table contains the sampling location and its corresponding sampling ID listed on the laboratory reports.

Vendor	Borrow source	Material	Sample ID	Asbestos
Kendall Ward Trucking	Kendall Ward Trucking	CF	1R-02041	P
Kendall Ward Trucking	Kendall Ward Trucking	CF	1R-02042	P
Kendall Ward Trucking	Kendall Ward Trucking	CF	1R-02043	P
Remp Sand & Gravel*	Remp Sand & Gravel	CF	1R-02045	<1% TREM
Remp Sand & Gravel	Remp Sand & Gravel	CF	1R-02046	P
Remp Sand & Gravel	Remp Sand & Gravel	CF	1R-02047	P
Associated Properties	Louis Burrell Property	CF	1R-02541	P
Associated Properties	Louis Burrell Property	CF	1R-02542	P
Associated Properties	Louis Burrell Property	CF	1R-02544	P
Pumco Inc. & Kendall Ward	Nixon Property Area 1	CF	1R-02547	P
Pumco Inc. & Kendall Ward	Nixon Property Area 1	CF	1R-02548	P
Pumco Inc. & Kendall Ward	Nixon Property Area 1	CF	1R-02550	P
Pumco Inc. & Kendall Ward	Nixon 3 (analytical)	CF	1R-02599	P
Pumco Inc. & Kendall Ward	Nixon 3 (analytical)	CF	1R-02681	P
Pumco Inc. & Kendall Ward	Nixon 3 (analytical)	CF	1R-02682	P
Birk Construction	Plum Creek Analytical	CF	1R-02683	P
Birk Construction	Plum Creek Analytical	CF	1R-02685	P
Birk Construction	Plum Creek Analytical	CF	1R-02686	P
Kendall Ward Trucking	Ward Lower Analytical	CF	1R-02688	P
Kendall Ward Trucking	Ward Lower Analytical	CF	1R-02689	P
Kendall Ward Trucking	Ward Lower Analytical	CF	1R-02690	P
Pumco Inc. & Kendall Ward	Nixon 2(surface) analytical	CF	1R-02692	P
Pumco Inc. & Kendall Ward	Nixon 2 analytical	CF	1R-02693	P
Pumco Inc. & Kendall Ward	Nixon 2 analytical	CF	1R-02695	P
Pumco Inc. & Kendall Ward	Nixon 2 analytical	CF	1R-02696	P
Pumco Inc. & Kendall Ward	Nixon 2 analytical	CF	1R-02697	P
Pumco Inc. & Kendall Ward	Nixon 2 analytical	CF	1R-02697	P

*The vendor was notified that their sample contained traces of asbestos and would be eliminated as a potential fill source.

EMSL Analytical, Inc.
Mobile Laboratory
NVLAP Accredited Laboratory # 200481-0

TABLE I. PLM BULK SAMPLE DATA AND ANALYTICAL RESULTS

EMSL Job Number: ML00302

Client: CDM Federal Programs

Client Project: USEPA Libby, Asbestos

Date Samples Received: 9/21/2000

Analysis Type: NIOSH 9002

Turnaround: 24 Hour

Index ID	Lab ID	Appearance	Date Analyzed	Q_Tr-Ac	Tremolite-Actinolite (%)	Q_Ch	Chrysotile (%)	Other Amphiboles			NonAsbestos Fibrous (%)	Comments
								Type	Q_Other	Other Amphiboles (%)		
1R-02041	10196	Tan	9/27/00	ND	0	ND	0	ND	ND	0	0	
1R-02042	10197	Tan	9/27/00	ND	0	ND	0	ND	ND	0	0	
1R-02043	10198	Tan	9/27/00	ND	0	ND	0	ND	ND	0	0	
1R-02045	10199	Tan	9/27/00	<	1	ND	0	ND	ND	0	0	
1R-02046	10200	Tan	9/27/00	ND	0	ND	0	ND	ND	0	0	
1R-02047	10201	Tan	9/27/00	ND	0	ND	0	ND	ND	0	0	
1R-02049	10202	Tan	9/27/00	ND	0	ND	0	ND	ND	0	1	
1R-02051	10203	Tan	9/27/00	ND	0	ND	0	ND	ND	0	1	
1R-02052	10204	Tan	9/27/00	ND	0	ND	0	ND	ND	0	2	
1R-02058	10205	Tan	9/27/00	ND	0	ND	0	ND	ND	0	2	

Disclaimers: Due to the inherent limitations of PLM, this methodology can miss asbestos in a small percentage of samples which contain asbestos.

Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested further with either scanning electron microscopy (SEM) or transmission electron microscopy (TEM).

EMSL Analytical, Inc.
Mobile Laboratory
NVLAP Accredited Laboratory # 200481-0

TABLE I. PLM BULK SAMPLE DATA AND ANALYTICAL RESULTS

EMSL Job Number: ML00364
Client: CDM Federal Programs
Client Project: USEPA Libby, Asbestos
Date Samples Received: 10/05/2000
Analysis Type: NIOSH 9002
Turnaround: 24 Hour

Index ID	Lab ID	Appearance	Date Analyzed	Q_Tr-Ac	Tremolite-Actinolite (%)	Q_Ch	Chrysotile (%)	Other Amphiboles			NonAsbestos Fibrous (%)	Comments
								Type	Q_Other	Other Amphiboles (%)		
1R-02541	10625	Brown/Grey	10/5/00	ND	0	ND	0	ND	ND	0	0	
1R-02542	10626	Brown/Grey	10/5/00	ND	0	ND	0	ND	ND	0	0	
1R-02543	10627	Brown/Grey	10/5/00	ND	0	ND	0	ND	ND	0	0	
1R-02544	10628	Brown/Grey	10/5/00	ND	0	ND	0	ND	ND	0	0	
1R-02547	10629	Tan	10/5/00	ND	0	ND	0	ND	ND	0	1	
1R-02548	10630	Tan	10/5/00	ND	0	ND	0	ND	ND	0	1	
1R-02550	10631	Tan	10/5/00	ND	0	ND	0	ND	ND	0	1	

Disclaimers: Due to the inherent limitations of PLM, this methodology can miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested further with either scanning electron microscopy (SEM) or transmission electron microscopy (TEM).

EMSL Analytical, Inc.
Mobile Laboratory
NVLAP Accredited Laboratory # 200481-0

TABLE I. PLM BULK SAMPLE DATA AND ANALYTICAL RESULTS

EMSL Job Number: ML00393

Client: CDM Federal Programs

Client Project: USEPA Libby, Asbestos

Date Samples Received: 10/11/2000

Analysis Type: NIOSH 9002

Turnaround: 24 Hour

Index ID	Lab ID	Appearance	Date Analyzed	Q_Tr-Ac	Tremolite-Actinolite (%)	Q_Ch	Chrysotile (%)	Other Amphiboles			NonAsbestos Fibrous (%)	Comments
								Type	Q_Other	Other Amphiboles (%)		
1R-02599	10858	Brown	10/12/00	ND	0	ND	0	ND	ND	0	0	
1R-02681	10859	Brown	10/12/00	ND	0	ND	0	ND	ND	0	0	
1R-02682	10860	Brown	10/12/00	ND	0	ND	0	ND	ND	0	0	
1R-02683	10861	Brown	10/12/00	ND	0	ND	0	ND	ND	0	0	
1R-02685	10862	Brown	10/12/00	ND	0	ND	0	ND	ND	0	0	
1R-02686	10863	Brown	10/12/00	ND	0	ND	0	ND	ND	0	0	
1R-02688	10864	Brown	10/12/00	ND	0	ND	0	ND	ND	0	0	
1R-02689	10865	Brown	10/12/00	ND	0	ND	0	ND	ND	0	0	
1R-02690	10866	Brown	10/12/00	ND	0	ND	0	ND	ND	0	0	

Disclaimers: Due to the inherent limitations of PLM, this methodology can miss asbestos in a small percentage of samples which contain asbestos.

Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested further with either scanning electron microscopy (SEM) or transmission electron microscopy (TEM).

EMSL Analytical, Inc.
 Mobile Laboratory
 NVLAP Accredited Laboratory # 200481-0

TABLE I. PLM BULK SAMPLE DATA AND ANALYTICAL RESULTS

EMSL Job Number: ML00398
 Client:DOJ Federal Programs
 Client Project:USEPA Libby, Asbestos
 Date Samples Received:10/12/2000
 Analysis Type:NIOSH 9002
 Turnaround: 24 Hour

Index ID	Lab ID	Appearance	Date Analyzed	Q_Tr-Ac	Tremolite-Actinolite (%)	Q_Ch	Chrysotile (%)	Other Amphiboles			NonAsbestos Fibrous (%)	Comments
								Type	Q_Other	Other Amphiboles (%)		
1R-02692	10905	Brown	10/13/00	ND	0	ND	0	ND	ND	0	1	
1R-02693	10906	Brown	10/13/00	ND	0	ND	0	ND	ND	0	1	
1R-02695	10907	Brown	10/13/00	ND	0	ND	0	ND	ND	0	0	
1R-02696	10908	Brown	10/13/00	ND	0	ND	0	ND	ND	0	1	
1R-02697	10909	Brown	10/13/00	ND	0	ND	0	ND	ND	0	1	

Disclaimers: Due to the inherent limitations of PLM, this methodology can miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested further with either scanning electron microscopy (SEM) or transmission electron microscopy (TEM).

Appendix D
CDM Laboratory Reports for Environmental Testing
(Raw Data)

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008406-05
1R-02041

Date Collected: 19-SEP-2000
Date Received : 22-SEP-2000

Sample Matrix: SOIL

Date Reported : 28-SEP-00

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Glass

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Solids, Total	99.	%	0.10	30	2540G	28-Sep ST	
Volatile Organics by GC/MS 8260				1	8260B	26-Sep BT	
Methylene chloride	ND	ug/kg	29.				
1,1-Dichloroethane	ND	ug/kg	8.6				
Chloroform	ND	ug/kg	8.6				
Carbon tetrachloride	ND	ug/kg	5.7				
1,2-Dichloropropane	ND	ug/kg	20.				
Dibromochloromethane	ND	ug/kg	5.7				
1,1,2-Trichloroethane	ND	ug/kg	8.6				
Tetrachloroethene	ND	ug/kg	5.7				
Chlorobenzene	ND	ug/kg	20.				
Trichlorofluoromethane	ND	ug/kg	29.				
1,2-Dichloroethane	ND	ug/kg	5.7				
1,1,1-Trichloroethane	ND	ug/kg	5.7				
Bromodichloromethane	ND	ug/kg	5.7				
trans-1,3-Dichloropropene	ND	ug/kg	5.7				
cis-1,3-Dichloropropene	ND	ug/kg	5.7				
1,1-Dichloropropene	ND	ug/kg	140				
Bromoform	ND	ug/kg	5.7				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.7				
Benzene	ND	ug/kg	5.7				
Toluene	ND	ug/kg	8.6				
Ethylbenzene	ND	ug/kg	5.7				
Chloromethane	ND	ug/kg	57.				
Bromomethane	ND	ug/kg	11.				
Vinyl chloride	ND	ug/kg	11.				
Chloroethane	ND	ug/kg	11.				
1,1-Dichloroethene	ND	ug/kg	8.6				
trans-1,2-Dichloroethene	ND	ug/kg	8.6				
Trichloroethene	ND	ug/kg	5.7				
1,2-Dichlorobenzene	ND	ug/kg	29.				
1,3-Dichlorobenzene	ND	ug/kg	29.				
1,4-Dichlorobenzene	ND	ug/kg	29.				
Methyl tert butyl ether	ND	ug/kg	57.				
p/m-Xylene	ND	ug/kg	5.7				
o-Xylene	ND	ug/kg	5.7				
cis-1,2-Dichloroethene	ND	ug/kg	5.7				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008406-05
1R-02041

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Dibromomethane	ND	ug/kg	57.	1	8260B	26-Sep	BT
1,4-Dichlorobutane	ND	ug/kg	57.				
Iodomethane	ND	ug/kg	57.				
1,2,3-Trichloropropane	ND	ug/kg	57.				
Styrene	ND	ug/kg	5.7				
Dichlorodifluoromethane	ND	ug/kg	57.				
Acetone	ND	ug/kg	57.				
Carbon disulfide	ND	ug/kg	57.				
2-Butanone	ND	ug/kg	57.				
Vinyl acetate	ND	ug/kg	57.				
4-Methyl-2-pentanone	ND	ug/kg	57.				
2-Hexanone	ND	ug/kg	57.				
Ethyl methacrylate	ND	ug/kg	57.				
Acrolein	ND	ug/kg	140				
Acrylonitrile	ND	ug/kg	57.				
Bromochloromethane	ND	ug/kg	29.				
Tetrahydrofuran	ND	ug/kg	110				
2,2-Dichloropropane	ND	ug/kg	29.				
1,2-Dibromoethane	ND	ug/kg	29.				
1,3-Dichloropropane	ND	ug/kg	29.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	29.				
Bromobenzene	ND	ug/kg	29.				
n-Butylbenzene	ND	ug/kg	29.				
sec-Butylbenzene	ND	ug/kg	29.				
tert-Butylbenzene	ND	ug/kg	29.				
o-Chlorotoluene	ND	ug/kg	29.				
p-Chlorotoluene	ND	ug/kg	29.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	29.				
Hexachlorobutadiene	ND	ug/kg	29.				
Isopropylbenzene	ND	ug/kg	29.				
p-Isopropyltoluene	ND	ug/kg	29.				
Naphthalene	ND	ug/kg	29.				
n-Propylbenzene	ND	ug/kg	29.				
1,2,3-Trichlorobenzene	ND	ug/kg	29.				
1,2,4-Trichlorobenzene	ND	ug/kg	29.				
1,3,5-Trimethylbenzene	ND	ug/kg	29.				
1,2,4-Trimethylbenzene	ND	ug/kg	29.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	29.				
Ethyl ether	ND	ug/kg	140				

Surrogate Recovery

1,2-Dichloroethane-d4	94.0	%
Toluene-d8	98.0	%
4-Bromofluorobenzene	97.0	%
Dibromofluoromethane	89.0	%

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008406-06
1R-02042

Date Collected: 19-SEP-2000
Date Received : 22-SEP-2000

Sample Matrix: SOIL

Date Reported : 28-SEP-00

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Glass

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES		ID
						PREP	ANALYSIS	
Solids, Total	83.	%	0.10	30	2540G			25-Sep JT
Hydrocarbons, Total (IR)	55.	mg/kg	48.	4	418.1			25-Sep 26-Sep TH
Total Metals				1	3051			
Antimony, Total	ND	mg/kg	2.4	1	6010B			25-Sep 27-Sep RW
Arsenic, Total	2.0	mg/kg	0.47	1	6010B			25-Sep 27-Sep RW
Beryllium, Total	ND	mg/kg	0.24	1	6010B			25-Sep 27-Sep RW
Cadmium, Total	ND	mg/kg	0.47	1	6010B			25-Sep 27-Sep RW
Chromium, Total	2.7	mg/kg	0.47	1	6010B			25-Sep 27-Sep RW
Copper, Total	5.4	mg/kg	0.47	1	6010B			25-Sep 27-Sep RW
Lead, Total	3.4	mg/kg	2.4	1	6010B			25-Sep 27-Sep RW
Mercury, Total	ND	mg/kg	0.30	1	7471A			26-Sep 27-Sep DY
Nickel, Total	4.2	mg/kg	1.2	1	6010B			25-Sep 27-Sep RW
Selenium, Total	ND	mg/kg	0.95	1	6010B			25-Sep 27-Sep RW
Silver, Total	ND	mg/kg	0.47	1	6010B			25-Sep 27-Sep RW
Thallium, Total	ND	mg/kg	0.95	1	6010B			25-Sep 27-Sep RW
Zinc, Total	15.	mg/kg	2.4	1	6010B			25-Sep 27-Sep RW
Volatile Organics by GC/MS 8260				1	8260B			26-Sep BT
Methylene chloride	ND	ug/kg	33.					
1,1-Dichloroethane	ND	ug/kg	9.9					
Chloroform	ND	ug/kg	9.9					
Carbon tetrachloride	ND	ug/kg	6.6					
1,2-Dichloropropane	ND	ug/kg	23.					
Dibromochloromethane	ND	ug/kg	6.6					
1,1,2-Trichloroethane	ND	ug/kg	9.9					
Tetrachloroethene	ND	ug/kg	6.6					
Chlorobenzene	ND	ug/kg	23.					
Trichlorofluoromethane	ND	ug/kg	33.					
1,2-Dichloroethane	ND	ug/kg	6.6					
1,1,1-Trichloroethane	ND	ug/kg	6.6					
Bromodichloromethane	ND	ug/kg	6.6					
trans-1,3-Dichloropropene	ND	ug/kg	6.6					
cis-1,3-Dichloropropene	ND	ug/kg	6.6					
1,1-Dichloropropene	ND	ug/kg	160					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008406-06
 1R-02042

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Bromoform	ND	ug/kg	6.6				
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.6				
Benzene	ND	ug/kg	6.6				
Toluene	ND	ug/kg	9.9				
Ethylbenzene	ND	ug/kg	6.6				
Chloromethane	ND	ug/kg	66.				
Bromomethane	ND	ug/kg	13.				
Vinyl chloride	ND	ug/kg	13.				
Chloroethane	ND	ug/kg	13.				
1,1-Dichloroethene	ND	ug/kg	9.9				
trans-1,2-Dichloroethene	ND	ug/kg	9.9				
Trichloroethene	ND	ug/kg	6.6				
1,2-Dichlorobenzene	ND	ug/kg	33.				
1,3-Dichlorobenzene	ND	ug/kg	33.				
1,4-Dichlorobenzene	ND	ug/kg	33.				
Methyl tert butyl ether	ND	ug/kg	66.				
p/m-Xylene	ND	ug/kg	6.6				
o-Xylene	ND	ug/kg	6.6				
cis-1,2-Dichloroethene	ND	ug/kg	6.6				
Dibromomethane	ND	ug/kg	66.				
1,4-Dichlorobutane	ND	ug/kg	66.				
Iodomethane	ND	ug/kg	66.				
1,2,3-Trichloropropane	ND	ug/kg	66.				
Styrene	ND	ug/kg	6.6				
Dichlorodifluoromethane	ND	ug/kg	66.				
Acetone	ND	ug/kg	66.				
Carbon disulfide	ND	ug/kg	66.				
2-Butanone	ND	ug/kg	66.				
Vinyl acetate	ND	ug/kg	66.				
4-Methyl-2-pentanone	ND	ug/kg	66.				
2-Hexanone	ND	ug/kg	66.				
Ethyl methacrylate	ND	ug/kg	66.				
Acrolein	ND	ug/kg	160				
Acrylonitrile	ND	ug/kg	66.				
Bromochloromethane	ND	ug/kg	33.				
Tetrahydrofuran	ND	ug/kg	130				
2,2-Dichloropropane	ND	ug/kg	33.				
1,2-Dibromoethane	ND	ug/kg	33.				
1,3-Dichloropropane	ND	ug/kg	33.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	33.				
Bromobenzene	ND	ug/kg	33.				
n-Butylbenzene	ND	ug/kg	33.				
sec-Butylbenzene	ND	ug/kg	33.				
tert-Butylbenzene	ND	ug/kg	33.				
o-Chlorotoluene	ND	ug/kg	33.				
p-Chlorotoluene	ND	ug/kg	33.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	33.				
Hexachlorobutadiene	ND	ug/kg	33.				
Isopropylbenzene	ND	ug/kg	33.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008406-06
1R-02042

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p-Isopropyltoluene	ND	ug/kg	33.	1	8260B	26-Sep	BT
Naphthalene	ND	ug/kg	33.				
n-Propylbenzene	ND	ug/kg	33.				
1,2,3-Trichlorobenzene	ND	ug/kg	33.				
1,2,4-Trichlorobenzene	ND	ug/kg	33.				
1,3,5-Trimethylbenzene	ND	ug/kg	33.				
1,2,4-Trimethylbenzene	ND	ug/kg	33.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	33.				
Ethyl ether	ND	ug/kg	160				
Surrogate Recovery							
1,2-Dichloroethane-d4	97.0	%					
Toluene-d8	97.0	%					
4-Bromofluorobenzene	91.0	%					
Dibromofluoromethane	90.0	%					
PNA's by GC/MS 8270							
Acenaphthene	ND	ug/kg	600	1	8270C	25-Sep	26-Sep MK
2-Chloronaphthalene	ND	ug/kg	600				
Fluoranthene	ND	ug/kg	600				
Naphthalene	ND	ug/kg	600				
Benzo(a)anthracene	ND	ug/kg	600				
Benzo(a)pyrene	ND	ug/kg	600				
Benzo(b)fluoranthene	ND	ug/kg	600				
Benzo(k)fluoranthene	ND	ug/kg	600				
Chrysene	ND	ug/kg	600				
Acenaphthylene	ND	ug/kg	600				
Anthracene	ND	ug/kg	600				
Benzo(ghi)perylene	ND	ug/kg	600				
Fluorene	ND	ug/kg	600				
Phenanthrene	ND	ug/kg	600				
Dibenzo(a,h)anthracene	ND	ug/kg	600				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	600				
Pyrene	ND	ug/kg	600				
1-Methylnaphthalene	ND	ug/kg	600				
2-Methylnaphthalene	ND	ug/kg	600				
Surrogate Recovery							
Nitrobenzene-d5	80.0	%					
2-Fluorobiphenyl	78.0	%					
4-Terphenyl-d14	75.0	%					
PCB/Pesticides							
Delta-BHC	ND	ug/kg	24.1	1	8082/8081	25-Sep	27-Sep PB
Lindane	ND	ug/kg	24.1				
Alpha-BHC	ND	ug/kg	24.1				
Beta-BHC	ND	ug/kg	24.1				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008406-06
 1R-02042

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Heptachlor	ND	ug/kg	24.1			8082/8081	25-Sep 27-Sep PB
Aldrin	ND	ug/kg	24.1				
Heptachlor epoxide	ND	ug/kg	24.1				
Endrin	ND	ug/kg	24.1				
Endrin aldehyde	ND	ug/kg	24.1				
Endrin ketone	ND	ug/kg	24.1				
Dieldrin	ND	ug/kg	24.1				
4,4'-DDE	ND	ug/kg	24.1				
4,4'-DDD	ND	ug/kg	24.1				
4,4'-DDT	ND	ug/kg	24.1				
Endosulfan I	ND	ug/kg	24.1				
Endosulfan II	ND	ug/kg	24.1				
Endosulfan sulfate	ND	ug/kg	24.1				
Methoxychlor	ND	ug/kg	24.1				
Toxaphene	ND	ug/kg	96.4				
Chlordane	ND	ug/kg	96.4				
cis-Chlordane	ND	ug/kg	24.1				
trans-Chlordane	ND	ug/kg	24.1				
Aroclor 1221	ND	ug/kg	241.				
Aroclor 1232	ND	ug/kg	241.				
Aroclor 1242/1016	ND	ug/kg	241.				
Aroclor 1248	ND	ug/kg	241.				
Aroclor 1254	ND	ug/kg	241.				
Aroclor 1260	ND	ug/kg	241.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	64.0	%					
Decachlorobiphenyl	63.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008406-07
1R-02043

Date Collected: 19-SEP-2000
Date Received : 22-SEP-2000

Sample Matrix: SOIL

Date Reported : 28-SEP-00

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Glass

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES		ID
						PREP	ANALYSIS	
Solids, Total	99.	%	0.10	30	2540G			25-Sep JT
Hydrocarbons, Total (IR)	ND	mg/kg	40.	4	418.1			25-Sep 26-Sep TH
Total Metals				1	3051			
Antimony, Total	ND	mg/kg	2.0	1	6010B			25-Sep 27-Sep RW
Arsenic, Total	2.5	mg/kg	0.40	1	6010B			25-Sep 27-Sep RW
Beryllium, Total	ND	mg/kg	0.20	1	6010B			25-Sep 27-Sep RW
Cadmium, Total	ND	mg/kg	0.40	1	6010B			25-Sep 27-Sep RW
Chromium, Total	3.8	mg/kg	0.40	1	6010B			25-Sep 27-Sep RW
Copper, Total	7.0	mg/kg	0.40	1	6010B			25-Sep 27-Sep RW
Lead, Total	5.3	mg/kg	2.0	1	6010B			25-Sep 27-Sep RW
Mercury, Total	ND	mg/kg	0.25	1	7471A			26-Sep 27-Sep DY
Nickel, Total	5.7	mg/kg	1.0	1	6010B			25-Sep 27-Sep RW
Selenium, Total	ND	mg/kg	0.80	1	6010B			25-Sep 27-Sep RW
Silver, Total	ND	mg/kg	0.40	1	6010B			25-Sep 27-Sep RW
Thallium, Total	ND	mg/kg	0.80	1	6010B			25-Sep 27-Sep RW
Zinc, Total	20.	mg/kg	2.0	1	6010B			25-Sep 27-Sep RW
Volatile Organics by GC/MS 8260				1	8260B			26-Sep BT
Methylene chloride	ND	ug/kg	30.					
1,1-Dichloroethane	ND	ug/kg	8.9					
Chloroform	ND	ug/kg	8.9					
Carbon tetrachloride	ND	ug/kg	5.9					
1,2-Dichloropropane	ND	ug/kg	21.					
Dibromochloromethane	ND	ug/kg	5.9					
1,1,2-Trichloroethane	ND	ug/kg	8.9					
Tetrachloroethene	ND	ug/kg	5.9					
Chlorobenzene	ND	ug/kg	21.					
Trichlorofluoromethane	ND	ug/kg	30.					
1,2-Dichloroethane	ND	ug/kg	5.9					
1,1,1-Trichloroethane	ND	ug/kg	5.9					
Bromodichloromethane	ND	ug/kg	5.9					
trans-1,3-Dichloropropene	ND	ug/kg	5.9					
cis-1,3-Dichloropropene	ND	ug/kg	5.9					
1,1-Dichloropropene	ND	ug/kg	150					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008406-07
1R-02043

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Bromoform	ND	ug/kg	5.9	1	8260B		26-Sep BT
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.9				
Benzene	ND	ug/kg	5.9				
Toluene	ND	ug/kg	8.9				
Ethylbenzene	ND	ug/kg	5.9				
Chloromethane	ND	ug/kg	59.				
Bromomethane	ND	ug/kg	12.				
Vinyl chloride	ND	ug/kg	12.				
Chloroethane	ND	ug/kg	12.				
1,1-Dichloroethene	ND	ug/kg	8.9				
trans-1,2-Dichloroethene	ND	ug/kg	8.9				
Trichloroethene	ND	ug/kg	5.9				
1,2-Dichlorobenzene	ND	ug/kg	30.				
1,3-Dichlorobenzene	ND	ug/kg	30.				
1,4-Dichlorobenzene	ND	ug/kg	30.				
Methyl tert butyl ether	ND	ug/kg	59.				
p/m-Xylene	ND	ug/kg	5.9				
o-Xylene	ND	ug/kg	5.9				
cis-1,2-Dichloroethene	ND	ug/kg	5.9				
Dibromomethane	ND	ug/kg	59.				
1,4-Dichlorobutane	ND	ug/kg	59.				
Iodomethane	ND	ug/kg	59.				
1,2,3-Trichloropropane	ND	ug/kg	59.				
Styrene	ND	ug/kg	5.9				
Dichlorodifluoromethane	ND	ug/kg	59.				
Acetone	ND	ug/kg	59.				
Carbon disulfide	ND	ug/kg	59.				
2-Butanone	ND	ug/kg	59.				
Vinyl acetate	ND	ug/kg	59.				
4-Methyl-2-pentanone	ND	ug/kg	59.				
2-Hexanone	ND	ug/kg	59.				
Ethyl methacrylate	ND	ug/kg	59.				
Acrolein	ND	ug/kg	150				
Acrylonitrile	ND	ug/kg	59.				
Bromochloromethane	ND	ug/kg	30.				
Tetrahydrofuran	ND	ug/kg	120				
2,2-Dichloropropane	ND	ug/kg	30.				
1,2-Dibromoethane	ND	ug/kg	30.				
1,3-Dichloropropane	ND	ug/kg	30.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	30.				
Bromobenzene	ND	ug/kg	30.				
n-Butylbenzene	ND	ug/kg	30.				
sec-Butylbenzene	ND	ug/kg	30.				
tert-Butylbenzene	ND	ug/kg	30.				
o-Chlorotoluene	ND	ug/kg	30.				
p-Chlorotoluene	ND	ug/kg	30.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	30.				
Hexachlorobutadiene	ND	ug/kg	30.				
Isopropylbenzene	ND	ug/kg	30.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008406-07
1R-02043

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p-Isopropyltoluene	ND	ug/kg	30.	1	8260B	26-Sep	BT
Naphthalene	ND	ug/kg	30.				
n-Propylbenzene	ND	ug/kg	30.				
1,2,3-Trichlorobenzene	ND	ug/kg	30.				
1,2,4-Trichlorobenzene	ND	ug/kg	30.				
1,3,5-Trimethylbenzene	ND	ug/kg	30.				
1,2,4-Trimethylbenzene	ND	ug/kg	30.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	30.				
Ethyl ether	ND	ug/kg	150				
Surrogate Recovery							
1,2-Dichloroethane-d4	96.0	%					
Toluene-d8	97.0	%					
4-Bromofluorobenzene	103.	%					
Dibromofluoromethane	90.0	%					
PNA's by GC/MS 8270							
Acenaphthene	ND	ug/kg	500	1	8270C	25-Sep	26-Sep MK
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				
2-Methylnaphthalene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	77.0	%					
2-Fluorobiphenyl	79.0	%					
4-Terphenyl-d14	79.0	%					
PCB/Pesticides							
Delta-BHC	ND	ug/kg	20.2	1	8082/8081	25-Sep	28-Sep PB
Lindane	ND	ug/kg	20.2				
Alpha-BHC	ND	ug/kg	20.2				
Beta-BHC	ND	ug/kg	20.2				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008406-07
 1R-02043

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Heptachlor	ND	ug/kg	20.2			1 8082/8081	25-Sep 28-Sep PB
Aldrin	ND	ug/kg	20.2				
Heptachlor epoxide	ND	ug/kg	20.2				
Endrin	ND	ug/kg	20.2				
Endrin aldehyde	ND	ug/kg	20.2				
Endrin ketone	ND	ug/kg	20.2				
Dieleadrin	ND	ug/kg	20.2				
4,4'-DDE	ND	ug/kg	20.2				
4,4'-DDD	ND	ug/kg	20.2				
4,4'-DDT	ND	ug/kg	20.2				
Endosulfan I	ND	ug/kg	20.2				
Endosulfan II	ND	ug/kg	20.2				
Endosulfan sulfate	ND	ug/kg	20.2				
Methoxychlor	ND	ug/kg	20.2				
Toxaphene	ND	ug/kg	80.8				
Chlordane	ND	ug/kg	80.8				
cis-Chlordane	ND	ug/kg	20.2				
trans-Chlordane	ND	ug/kg	20.2				
Aroclor 1221	ND	ug/kg	202.				
Aroclor 1232	ND	ug/kg	202.				
Aroclor 1242/1016	ND	ug/kg	202.				
Aroclor 1248	ND	ug/kg	202.				
Aroclor 1254	ND	ug/kg	202.				
Aroclor 1260	ND	ug/kg	202.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	61.0	%					
Decachlorobiphenyl	65.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008406-08

1R-02045

Date Collected: 19-SEP-2000

Date Received : 22-SEP-2000

Date Reported : 28-SEP-00

Sample Matrix: SOIL

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Glass

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES		ID
						PREP	ANALYSIS	
Solids, Total	98.	%	0.10	30	2540G			25-Sep JT
Hydrocarbons, Total (IR)	ND	mg/kg	41.	4	418.1			25-Sep 26-Sep TH
Total Metals				1	3051			
Antimony, Total	ND	mg/kg	2.0	1	6010B			25-Sep 27-Sep RW
Arsenic, Total	2.0	mg/kg	0.41	1	6010B			25-Sep 27-Sep RW
Beryllium, Total	ND	mg/kg	0.20	1	6010B			25-Sep 27-Sep RW
Cadmium, Total	ND	mg/kg	0.41	1	6010B			25-Sep 27-Sep RW
Chromium, Total	2.7	mg/kg	0.41	1	6010B			25-Sep 27-Sep RW
Copper, Total	7.0	mg/kg	0.41	1	6010B			25-Sep 27-Sep RW
Lead, Total	3.6	mg/kg	2.0	1	6010B			25-Sep 27-Sep RW
Mercury, Total	ND	mg/kg	0.26	1	7471A			26-Sep 27-Sep DY
Nickel, Total	4.1	mg/kg	1.0	1	6010B			25-Sep 27-Sep RW
Selenium, Total	ND	mg/kg	0.81	1	6010B			25-Sep 27-Sep RW
Silver, Total	ND	mg/kg	0.41	1	6010B			25-Sep 27-Sep RW
Thallium, Total	ND	mg/kg	0.81	1	6010B			25-Sep 27-Sep RW
Zinc, Total	14.	mg/kg	2.0	1	6010B			25-Sep 27-Sep RW
Volatile Organics by GC/MS 8260				1	8260B			26-Sep BT
Methylene chloride	ND	ug/kg	29.					
1,1-Dichloroethane	ND	ug/kg	8.6					
Chloroform	ND	ug/kg	8.6					
Carbon tetrachloride	ND	ug/kg	5.7					
1,2-Dichloropropane	ND	ug/kg	20.					
Dibromochloromethane	ND	ug/kg	5.7					
1,1,2-Trichloroethane	ND	ug/kg	8.6					
Tetrachloroethene	ND	ug/kg	5.7					
Chlorobenzene	ND	ug/kg	20.					
Trichlorofluoromethane	ND	ug/kg	29.					
1,2-Dichloroethane	ND	ug/kg	5.7					
1,1,1-Trichloroethane	ND	ug/kg	5.7					
Bromodichloromethane	ND	ug/kg	5.7					
trans-1,3-Dichloropropene	ND	ug/kg	5.7					
cis-1,3-Dichloropropene	ND	ug/kg	5.7					
1,1-Dichloropropene	ND	ug/kg	140					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008406-08
 1R-02045

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Bromoform	ND	ug/kg	5.7		1	8260B	26-Sep BT
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.7				
Benzene	ND	ug/kg	5.7				
Toluene	ND	ug/kg	8.6				
Ethylbenzene	ND	ug/kg	5.7				
Chloromethane	ND	ug/kg	57.				
Bromomethane	ND	ug/kg	11.				
Vinyl chloride	ND	ug/kg	11.				
Chloroethane	ND	ug/kg	11.				
1,1-Dichloroethene	ND	ug/kg	8.6				
trans-1,2-Dichloroethene	ND	ug/kg	8.6				
Trichloroethene	ND	ug/kg	5.7				
1,2-Dichlorobenzene	ND	ug/kg	29.				
1,3-Dichlorobenzene	ND	ug/kg	29.				
1,4-Dichlorobenzene	ND	ug/kg	29.				
Methyl tert butyl ether	ND	ug/kg	57.				
p/m-Xylene	ND	ug/kg	5.7				
o-Xylene	ND	ug/kg	5.7				
cis-1,2-Dichloroethene	ND	ug/kg	5.7				
Dibromomethane	ND	ug/kg	57.				
1,4-Dichlorobutane	ND	ug/kg	57.				
Iodomethane	ND	ug/kg	57.				
1,2,3-Trichloropropane	ND	ug/kg	57.				
Styrene	ND	ug/kg	5.7				
Dichlorodifluoromethane	ND	ug/kg	57.				
Acetone	ND	ug/kg	57.				
Carbon disulfide	ND	ug/kg	57.				
2-Butanone	ND	ug/kg	57.				
Vinyl acetate	ND	ug/kg	57.				
4-Methyl-2-pentanone	ND	ug/kg	57.				
2-Hexanone	ND	ug/kg	57.				
Ethyl methacrylate	ND	ug/kg	57.				
Acrolein	ND	ug/kg	140				
Acrylonitrile	ND	ug/kg	57.				
Bromochloromethane	ND	ug/kg	29.				
Tetrahydrofuran	ND	ug/kg	110				
2,2-Dichloropropane	ND	ug/kg	29.				
1,2-Dibromoethane	ND	ug/kg	29.				
1,3-Dichloropropane	ND	ug/kg	29.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	29.				
Bromobenzene	ND	ug/kg	29.				
n-Butylbenzene	ND	ug/kg	29.				
sec-Butylbenzene	ND	ug/kg	29.				
tert-Butylbenzene	ND	ug/kg	29.				
o-Chlorotoluene	ND	ug/kg	29.				
p-Chlorotoluene	ND	ug/kg	29.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	29.				
Hexachlorobutadiene	ND	ug/kg	29.				
Isopropylbenzene	ND	ug/kg	29.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008406-08
1R-02045

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p-Isopropyltoluene	ND	ug/kg	29.	1	8260B	26-Sep	BT
Naphthalene	ND	ug/kg	29.				
n-Propylbenzene	ND	ug/kg	29.				
1,2,3-Trichlorobenzene	ND	ug/kg	29.				
1,2,4-Trichlorobenzene	ND	ug/kg	29.				
1,3,5-Trimethylbenzene	ND	ug/kg	29.				
1,2,4-Trimethylbenzene	ND	ug/kg	29.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	29.				
Ethyl ether	ND	ug/kg	140				
Surrogate Recovery							
1,2-Dichloroethane-d4	96.0	%					
Toluene-d8	98.0	%					
4-Bromofluorobenzene	95.0	%					
Dibromofluoromethane	90.0	%					
PNA's by GC/MS 8270							
Acenaphthene	ND	ug/kg	510	1	8270C	25-Sep	26-Sep MK
2-Chloronaphthalene	ND	ug/kg	510				
Fluoranthene	ND	ug/kg	510				
Naphthalene	ND	ug/kg	510				
Benzo(a)anthracene	ND	ug/kg	510				
Benzo(a)pyrene	ND	ug/kg	510				
Benzo(b)fluoranthene	ND	ug/kg	510				
Benzo(k)fluoranthene	ND	ug/kg	510				
Chrysene	ND	ug/kg	510				
Acenaphthylene	ND	ug/kg	510				
Anthracene	ND	ug/kg	510				
Benzo(ghi)perylene	ND	ug/kg	510				
Fluorene	ND	ug/kg	510				
Phenanthrene	ND	ug/kg	510				
Dibenzo(a,h)anthracene	ND	ug/kg	510				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	510				
Pyrene	ND	ug/kg	510				
1-Methylnaphthalene	ND	ug/kg	510				
2-Methylnaphthalene	ND	ug/kg	510				
Surrogate Recovery							
Nitrobenzene-d5	78.0	%					
2-Fluorobiphenyl	84.0	%					
4-Terphenyl-d14	82.0	%					
PCB/Pesticides							
Delta-BHC	ND	ug/kg	20.4	1	8082/8081	25-Sep	28-Sep PB
Lindane	ND	ug/kg	20.4				
Alpha-BHC	ND	ug/kg	20.4				
Beta-BHC	ND	ug/kg	20.4				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008406-08
 1R-02045

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Heptachlor	ND	ug/kg	20.4	1	8082/8081	25-Sep	28-Sep PB
Aldrin	ND	ug/kg	20.4				
Heptachlor epoxide	ND	ug/kg	20.4				
Endrin	ND	ug/kg	20.4				
Endrin aldehyde	ND	ug/kg	20.4				
Endrin ketone	ND	ug/kg	20.4				
Dieldrin	ND	ug/kg	20.4				
4,4'-DDE	ND	ug/kg	20.4				
4,4'-DDD	ND	ug/kg	20.4				
4,4'-DDT	ND	ug/kg	20.4				
Endosulfan I	ND	ug/kg	20.4				
Endosulfan II	ND	ug/kg	20.4				
Endosulfan sulfate	ND	ug/kg	20.4				
Methoxychlor	ND	ug/kg	20.4				
Toxaphene	ND	ug/kg	81.6				
Chlordane	ND	ug/kg	81.6				
cis-Chlordane	ND	ug/kg	20.4				
trans-Chlordane	ND	ug/kg	20.4				
Aroclor 1221	ND	ug/kg	204.				
Aroclor 1232	ND	ug/kg	204.				
Aroclor 1242/1016	ND	ug/kg	204.				
Aroclor 1248	ND	ug/kg	204.				
Aroclor 1254	ND	ug/kg	204.				
Aroclor 1260	ND	ug/kg	204.				

Surrogate Recovery

2,4,5,6-Tetrachloro-m-xylene	72.0	%
Decachlorobiphenyl	69.0	%

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008406-09 Date Collected: 19-SEP-2000
1R-02046 Date Received : 22-SEP-2000
Sample Matrix: SOIL Date Reported : 28-SEP-00

Condition of Sample: Satisfactory Field Prep: None

Number & Type of Containers: 2-Glass

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Solids, Total	97.	%	0.10	30	2540G	25-Sep JT	
Hydrocarbons, Total (IR)	ND	mg/kg	41.	4	418.1	25-Sep 26-Sep TH	
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	25-Sep 27-Sep RW	
Arsenic, Total	2.8	mg/kg	0.41	1	6010B	25-Sep 27-Sep RW	
Beryllium, Total	ND	mg/kg	0.20	1	6010B	25-Sep 27-Sep RW	
Cadmium, Total	ND	mg/kg	0.41	1	6010B	25-Sep 27-Sep RW	
Chromium, Total	2.7	mg/kg	0.41	1	6010B	25-Sep 27-Sep RW	
Copper, Total	5.8	mg/kg	0.41	1	6010B	25-Sep 27-Sep RW	
Lead, Total	3.4	mg/kg	2.0	1	6010B	25-Sep 27-Sep RW	
Mercury, Total	ND	mg/kg	0.26	1	7471A	26-Sep 27-Sep DY	
Nickel, Total	4.3	mg/kg	1.0	1	6010B	25-Sep 27-Sep RW	
Selenium, Total	ND	mg/kg	0.82	1	6010B	25-Sep 27-Sep RW	
Silver, Total	ND	mg/kg	0.41	1	6010B	25-Sep 27-Sep RW	
Thallium, Total	ND	mg/kg	0.82	1	6010B	25-Sep 27-Sep RW	
Zinc, Total	15.	mg/kg	2.0	1	6010B	25-Sep 27-Sep RW	
Volatile Organics by GC/MS 8260				1	8260B		26-Sep BT
Methylene chloride	ND	ug/kg	29.				
1,1-Dichloroethane	ND	ug/kg	8.7				
Chloroform	ND	ug/kg	8.7				
Carbon tetrachloride	ND	ug/kg	5.8				
1,2-Dichloropropane	ND	ug/kg	20.				
Dibromochloromethane	ND	ug/kg	5.8				
1,1,2-Trichloroethane	ND	ug/kg	8.7				
Tetrachloroethene	ND	ug/kg	5.8				
Chlorobenzene	ND	ug/kg	20.				
Trichlorofluoromethane	ND	ug/kg	29.				
1,2-Dichloroethane	ND	ug/kg	5.8				
1,1,1-Trichloroethane	ND	ug/kg	5.8				
Bromodichloromethane	ND	ug/kg	5.8				
trans-1,3-Dichloropropene	ND	ug/kg	5.8				
cis-1,3-Dichloropropene	ND	ug/kg	5.8				
1,1-Dichloropropene	ND	ug/kg	140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008406-09
1R-02046

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Bromoform	ND	ug/kg	5.8	1	8260B		26-Sep BT
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.8				
Benzene	ND	ug/kg	5.8				
Toluene	ND	ug/kg	8.7				
Ethylbenzene	ND	ug/kg	5.8				
Chloromethane	ND	ug/kg	58.				
Bromomethane	ND	ug/kg	12.				
Vinyl chloride	ND	ug/kg	12.				
Chloroethane	ND	ug/kg	12.				
1,1-Dichloroethene	ND	ug/kg	8.7				
trans-1,2-Dichloroethene	ND	ug/kg	8.7				
Trichloroethene	ND	ug/kg	5.8				
1,2-Dichlorobenzene	ND	ug/kg	29.				
1,3-Dichlorobenzene	ND	ug/kg	29.				
1,4-Dichlorobenzene	ND	ug/kg	29.				
Methyl tert butyl ether	ND	ug/kg	58.				
p/m-Xylene	ND	ug/kg	5.8				
o-Xylene	ND	ug/kg	5.8				
cis-1,2-Dichloroethene	ND	ug/kg	5.8				
Dibromomethane	ND	ug/kg	58.				
1,4-Dichlorobutane	ND	ug/kg	58.				
Iodomethane	ND	ug/kg	58.				
1,2,3-Trichloropropane	ND	ug/kg	58.				
Styrene	ND	ug/kg	5.8				
Dichlorodifluoromethane	ND	ug/kg	58.				
Acetone	ND	ug/kg	58.				
Carbon disulfide	ND	ug/kg	58.				
2-Butanone	ND	ug/kg	58.				
Vinyl acetate	ND	ug/kg	58.				
4-Methyl-2-pentanone	ND	ug/kg	58.				
2-Hexanone	ND	ug/kg	58.				
Ethyl methacrylate	ND	ug/kg	58.				
Acrolein	ND	ug/kg	140				
Acrylonitrile	ND	ug/kg	58.				
Bromoform	ND	ug/kg	29.				
Tetrahydrofuran	ND	ug/kg	120				
2,2-Dichloropropane	ND	ug/kg	29.				
1,2-Dibromoethane	ND	ug/kg	29.				
1,3-Dichloropropane	ND	ug/kg	29.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	29.				
Bromobenzene	ND	ug/kg	29.				
n-Butylbenzene	ND	ug/kg	29.				
sec-Butylbenzene	ND	ug/kg	29.				
tert-Butylbenzene	ND	ug/kg	29.				
o-Chlorotoluene	ND	ug/kg	29.				
p-Chlorotoluene	ND	ug/kg	29.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	29.				
Hexachlorobutadiene	ND	ug/kg	29.				
Isopropylbenzene	ND	ug/kg	29.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008406-09
1R-02046

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p-Isopropyltoluene	ND	ug/kg	29.		1 8260B		26-Sep BT
Naphthalene	ND	ug/kg	29.				
n-Propylbenzene	ND	ug/kg	29.				
1,2,3-Trichlorobenzene	ND	ug/kg	29.				
1,2,4-Trichlorobenzene	ND	ug/kg	29.				
1,3,5-Trimethylbenzene	ND	ug/kg	29.				
1,2,4-Trimethylbenzene	ND	ug/kg	29.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	29.				
Ethyl ether	ND	ug/kg	140				
Surrogate Recovery							
1,2-Dichloroethane-d4	98.0	%					
Toluene-d8	97.0	%					
4-Bromofluorobenzene	95.0	%					
Dibromofluoromethane	89.0	%					
PNA's by GC/MS 8270							
Acenaphthene	ND	ug/kg	520		1 8270C		25-Sep 26-Sep MK
2-Chloronaphthalene	ND	ug/kg	520				
Fluoranthene	ND	ug/kg	520				
Naphthalene	ND	ug/kg	520				
Benzo(a)anthracene	ND	ug/kg	520				
Benzo(a)pyrene	ND	ug/kg	520				
Benzo(b)fluoranthene	ND	ug/kg	520				
Benzo(k)fluoranthene	ND	ug/kg	520				
Chrysene	ND	ug/kg	520				
Acenaphthylene	ND	ug/kg	520				
Anthracene	ND	ug/kg	520				
Benzo(ghi)perylene	ND	ug/kg	520				
Fluorene	ND	ug/kg	520				
Phenanthrene	ND	ug/kg	520				
Dibenzo(a,h)anthracene	ND	ug/kg	520				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	520				
Pyrene	ND	ug/kg	520				
1-Methylnaphthalene	ND	ug/kg	520				
2-Methylnaphthalene	ND	ug/kg	520				
Surrogate Recovery							
Nitrobenzene-d5	67.0	%					
2-Fluorobiphenyl	73.0	%					
4-Terphenyl-d14	79.0	%					
PCB/Pesticides							
Delta-BHC	ND	ug/kg	20.6		1 8082/8081		25-Sep 28-Sep PB
Lindane	ND	ug/kg	20.6				
Alpha-BHC	ND	ug/kg	20.6				
Beta-BHC	ND	ug/kg	20.6				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008406-09
 LR-02046

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued				1	8082/8081	25-Sep	28-Sep PB
Heptachlor	ND	ug/kg	20.6				
Aldrin	ND	ug/kg	20.6				
Heptachlor epoxide	ND	ug/kg	20.6				
Endrin	ND	ug/kg	20.6				
Endrin aldehyde	ND	ug/kg	20.6				
Endrin ketone	ND	ug/kg	20.6				
Dieldrin	ND	ug/kg	20.6				
4,4'-DDE	ND	ug/kg	20.6				
4,4'-DDD	ND	ug/kg	20.6				
4,4'-DDT	ND	ug/kg	20.6				
Endosulfan I	ND	ug/kg	20.6				
Endosulfan II	ND	ug/kg	20.6				
Endosulfan sulfate	ND	ug/kg	20.6				
Methoxychlor	ND	ug/kg	20.6				
Toxaphene	ND	ug/kg	82.5				
Chlordane	ND	ug/kg	82.5				
cis-Chlordane	ND	ug/kg	20.6				
trans-Chlordane	ND	ug/kg	20.6				
Aroclor 1221	ND	ug/kg	206.				
Aroclor 1232	ND	ug/kg	206.				
Aroclor 1242/1016	ND	ug/kg	206.				
Aroclor 1248	ND	ug/kg	206.				
Aroclor 1254	ND	ug/kg	206.				
Aroclor 1260	ND	ug/kg	206.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	64.0	%					
Decachlorobiphenyl	64.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008406-10 Date Collected: 19-SEP-2000
1R-02047 Date Received : 22-SEP-2000
Sample Matrix: SOIL Date Reported : 28-SEP-00

Condition of Sample: Satisfactory Field Prep: None

Number & Type of Containers: 2-Glass

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Solids, Total	98.	%	0.10	30	2540G	25-Sep JT	
Hydrocarbons, Total (IR)	ND	mg/kg	41.	4	418.1	25-Sep 26-Sep TH	
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	25-Sep 27-Sep RW	
Arsenic, Total	2.0	mg/kg	0.41	1	6010B	25-Sep 27-Sep RW	
Beryllium, Total	ND	mg/kg	0.20	1	6010B	25-Sep 27-Sep RW	
Cadmium, Total	ND	mg/kg	0.41	1	6010B	25-Sep 27-Sep RW	
Chromium, Total	3.0	mg/kg	0.41	1	6010B	25-Sep 27-Sep RW	
Copper, Total	5.6	mg/kg	0.41	1	6010B	25-Sep 27-Sep RW	
Lead, Total	3.6	mg/kg	2.0	1	6010B	25-Sep 27-Sep RW	
Mercury, Total	ND	mg/kg	0.26	1	7471A	26-Sep 27-Sep DY	
Nickel, Total	4.4	mg/kg	1.0	1	6010B	25-Sep 27-Sep RW	
Selenium, Total	ND	mg/kg	0.81	1	6010B	25-Sep 27-Sep RW	
Silver, Total	ND	mg/kg	0.41	1	6010B	25-Sep 27-Sep RW	
Thallium, Total	ND	mg/kg	0.81	1	6010B	25-Sep 27-Sep RW	
Zinc, Total	16.	mg/kg	2.0	1	6010B	25-Sep 27-Sep RW	
Volatile Organics by GC/MS 8260				1	8260B	26-Sep BT	
Methylene chloride	ND	ug/kg	29.				
1,1-Dichloroethane	ND	ug/kg	8.7				
Chloroform	ND	ug/kg	8.7				
Carbon tetrachloride	ND	ug/kg	5.8				
1,2-Dichloropropane	ND	ug/kg	20.				
Dibromochloromethane	ND	ug/kg	5.8				
1,1,2-Trichloroethane	ND	ug/kg	8.7				
Tetrachloroethene	ND	ug/kg	5.8				
Chlorobenzene	ND	ug/kg	20.				
Trichlorofluoromethane	ND	ug/kg	29.				
1,2-Dichloroethane	ND	ug/kg	5.8				
1,1,1-Trichloroethane	ND	ug/kg	5.8				
Bromodichloromethane	ND	ug/kg	5.8				
trans-1,3-Dichloropropene	ND	ug/kg	5.8				
cis-1,3-Dichloropropene	ND	ug/kg	5.8				
1,1-Dichloropropene	ND	ug/kg	140				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008406-10
1R-02047

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP ANALYSIS	
Volatile Organics by GC/MS 8260 continued							
Bromoform	ND	ug/kg	5.8		1. 8260B		26-Sep BT
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.8				
Benzene	ND	ug/kg	5.8				
Toluene	ND	ug/kg	8.7				
Ethylbenzene	ND	ug/kg	5.8				
Chloromethane	ND	ug/kg	58.				
Bromomethane	ND	ug/kg	12.				
Vinyl chloride	ND	ug/kg	12.				
Chloroethane	ND	ug/kg	12.				
1,1-Dichloroethene	ND	ug/kg	8.7				
trans-1,2-Dichloroethene	ND	ug/kg	8.7				
Trichloroethene	ND	ug/kg	5.8				
1,2-Dichlorobenzene	ND	ug/kg	29.				
1,3-Dichlorobenzene	ND	ug/kg	29.				
1,4-Dichlorobenzene	ND	ug/kg	29.				
Methyl tert butyl ether	ND	ug/kg	58.				
p/m-Xylene	ND	ug/kg	5.8				
o-Xylene	ND	ug/kg	5.8				
cis-1,2-Dichloroethene	ND	ug/kg	5.8				
Dibromomethane	ND	ug/kg	58.				
1,4-Dichlorobutane	ND	ug/kg	58.				
Iodomethane	ND	ug/kg	58.				
1,2,3-Trichloropropane	ND	ug/kg	58.				
Styrene	ND	ug/kg	5.8				
Dichlorodifluoromethane	ND	ug/kg	58.				
Acetone	ND	ug/kg	58.				
Carbon disulfide	ND	ug/kg	58.				
2-Butanone	ND	ug/kg	58.				
Vinyl acetate	ND	ug/kg	58.				
4-Methyl-2-pentanone	ND	ug/kg	58.				
2-Hexanone	ND	ug/kg	58.				
Ethyl methacrylate	ND	ug/kg	58.				
Acrolein	ND	ug/kg	140				
Acrylonitrile	ND	ug/kg	58.				
Bromochloromethane	ND	ug/kg	29.				
Tetrahydrofuran	ND	ug/kg	120				
2,2-Dichloropropane	ND	ug/kg	29.				
1,2-Dibromoethane	ND	ug/kg	29.				
1,3-Dichloropropane	ND	ug/kg	29.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	29.				
Bromobenzene	ND	ug/kg	29.				
n-Butylbenzene	ND	ug/kg	29.				
sec-Butylbenzene	ND	ug/kg	29.				
tert-Butylbenzene	ND	ug/kg	29.				
o-Chlorotoluene	ND	ug/kg	29.				
p-Chlorotoluene	ND	ug/kg	29.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	29.				
Hexachlorobutadiene	ND	ug/kg	29.				
Isopropylbenzene	ND	ug/kg	29.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008406-10
1R-02047

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP ANALYSIS	
Volatile Organics by GC/MS 8260 continued							
p-Isopropyltoluene	ND	ug/kg	29.	1	8260B	26-Sep	BT
Naphthalene	ND	ug/kg	29.				
n-Propylbenzene	ND	ug/kg	29.				
1,2,3-Trichlorobenzene	ND	ug/kg	29.				
1,2,4-Trichlorobenzene	ND	ug/kg	29.				
1,3,5-Trimethylbenzene	ND	ug/kg	29.				
1,2,4-Trimethylbenzene	ND	ug/kg	29.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	29.				
Ethyl ether	ND	ug/kg	140				
Surrogate Recovery							
1,2-Dichloroethane-d4	101.	%					
Toluene-d8	96.0	%					
4-Bromofluorobenzene	94.0	%					
Dibromofluoromethane	94.0	%					
PNA's by GC/MS 8270							
Acenaphthene	ND	ug/kg	510	1	8270C	25-Sep	26-Sep MK
2-Chloronaphthalene	ND	ug/kg	510				
Fluoranthenone	ND	ug/kg	510				
Naphthalene	ND	ug/kg	510				
Benzo(a)anthracene	ND	ug/kg	510				
Benzo(a)pyrene	ND	ug/kg	510				
Benzo(b)fluoranthene	ND	ug/kg	510				
Benzo(k)fluoranthene	ND	ug/kg	510				
Chrysene	ND	ug/kg	510				
Acenaphthylene	ND	ug/kg	510				
Anthracene	ND	ug/kg	510				
Benzo(ghi)perylene	ND	ug/kg	510				
Fluorene	ND	ug/kg	510				
Phenanthrene	ND	ug/kg	510				
Dibenzo(a,h)anthracene	ND	ug/kg	510				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	510				
Pyrene	ND	ug/kg	510				
1-Methylnaphthalene	ND	ug/kg	510				
2-Methylnaphthalene	ND	ug/kg	510				
Surrogate Recovery							
Nitrobenzene-d5	70.0	%					
2-Fluorobiphenyl	79.0	%					
4-Terphenyl-d14	83.0	%					
PCB/Pesticides							
Delta-BHC	ND	ug/kg	20.4	1	8082/8081	25-Sep	27-Sep PB
Lindane	ND	ug/kg	20.4				
Alpha-BHC	ND	ug/kg	20.4				
Beta-BHC	ND	ug/kg	20.4				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008406-10
 1R-02047

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Heptachlor	ND	ug/kg	20.4	1	8082/8081	25-Sep	27-Sep PB
Aldrin	ND	ug/kg	20.4				
Heptachlor epoxide	ND	ug/kg	20.4				
Endrin	ND	ug/kg	20.4				
Endrin aldehyde	ND	ug/kg	20.4				
Endrin ketone	ND	ug/kg	20.4				
Dieldrin	ND	ug/kg	20.4				
4,4'-DDE	ND	ug/kg	20.4				
4,4'-DDD	ND	ug/kg	20.4				
4,4'-DDT	ND	ug/kg	20.4				
Endosulfan I	ND	ug/kg	20.4				
Endosulfan II	ND	ug/kg	20.4				
Endosulfan sulfate	ND	ug/kg	20.4				
Methoxychlor	ND	ug/kg	20.4				
Toxaphene	ND	ug/kg	81.6				
Chlordane	ND	ug/kg	81.6				
cis-Chlordane	ND	ug/kg	20.4				
trans-Chlordane	ND	ug/kg	20.4				
Aroclor 1221	ND	ug/kg	204.				
Aroclor 1232	ND	ug/kg	204.				
Aroclor 1242/1016	ND	ug/kg	204.				
Aroclor 1248	ND	ug/kg	204.				
Aroclor 1254	ND	ug/kg	204.				
Aroclor 1260	ND	ug/kg	204.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	59.0	%					
Decachlorobiphenyl	62.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008939-01

IR-02541

Date Collected: 03-OCT-2000

Date Received : 05-OCT-2000

Date Reported : 11-OCT-00

Sample Matrix: SOIL

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	06-Oct	10-Oct RW
Arsenic, Total	4.4	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Beryllium, Total	ND	mg/kg	0.20	1	6010B	06-Oct	10-Oct RW
Cadmium, Total	ND	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Chromium, Total	1.5	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Copper, Total	12.	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Lead, Total	5.1	mg/kg	2.0	1	6010B	06-Oct	10-Oct RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	06-Oct	10-Oct DM
Nickel, Total	3.2	mg/kg	0.99	1	6010B	06-Oct	10-Oct RW
Selenium, Total	ND	mg/kg	0.79	1	6010B	06-Oct	10-Oct RW
Silver, Total	ND	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Thallium, Total	ND	mg/kg	0.79	1	6010B	06-Oct	10-Oct RW
Zinc, Total	16.	mg/kg	2.0	1	6010B	06-Oct	10-Oct RW

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008939-02

IR-02543

Date Collected: 03-OCT-2000

Date Received : 05-OCT-2000

Date Reported : 11-OCT-00

Sample Matrix: SOIL

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Total Metals							
Antimony, Total	ND	mg/kg	2.0	1	6010B	06-Oct	10-Oct RW
Arsenic, Total	5.7	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Beryllium, Total	ND	mg/kg	0.20	1	6010B	06-Oct	10-Oct RW
Cadmium, Total	ND	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Chromium, Total	3.1	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Copper, Total	20.	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Lead, Total	9.1	mg/kg	2.0	1	6010B	06-Oct	10-Oct RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	06-Oct	10-Oct DM
Nickel, Total	6.1	mg/kg	0.99	1	6010B	06-Oct	10-Oct RW
Selenium, Total	ND	mg/kg	0.79	1	6010B	06-Oct	10-Oct RW
Silver, Total	ND	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Thallium, Total	ND	mg/kg	0.79	1	6010B	06-Oct	10-Oct RW
Zinc, Total	27.	mg/kg	2.0	1	6010B	06-Oct	10-Oct RW

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008939-03

IR-02544

Sample Matrix:

SOIL

Condition of Sample: Satisfactory

Date Collected: 03-OCT-2000

Date Received : 05-OCT-2000

Date Reported : 11-OCT-00

Number & Type of Containers: 1-Amber

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP	ID
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	06-Oct	10-Oct RW
Arsenic, Total	4.2	mg/kg	0.39	1	6010B	06-Oct	10-Oct RW
Beryllium, Total	ND	mg/kg	0.20	1	6010B	06-Oct	10-Oct RW
Cadmium, Total	ND	mg/kg	0.39	1	6010B	06-Oct	10-Oct RW
Chromium, Total	2.0	mg/kg	0.39	1	6010B	06-Oct	10-Oct RW
Copper, Total	14.	mg/kg	0.39	1	6010B	06-Oct	10-Oct RW
Lead, Total	7.2	mg/kg	2.0	1	6010B	06-Oct	10-Oct RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	06-Oct	10-Oct DM
Nickel, Total	3.9	mg/kg	0.98	1	6010B	06-Oct	10-Oct RW
Selenium, Total	ND	mg/kg	0.79	1	6010B	06-Oct	10-Oct RW
Silver, Total	ND	mg/kg	0.39	1	6010B	06-Oct	10-Oct RW
Thallium, Total	ND	mg/kg	0.79	1	6010B	06-Oct	10-Oct RW
Zinc, Total	19.	mg/kg	2.0	1	6010B	06-Oct	10-Oct RW

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008939-04

IR-02547

Date Collected: 03-OCT-2000

Date Received : 05-OCT-2000

Date Reported : 11-OCT-00

Sample Matrix: SOIL

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP	ID ANALYSIS
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	06-Oct	10-Oct RW
Arsenic, Total	2.6	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Beryllium, Total	0.34	mg/kg	0.20	1	6010B	06-Oct	10-Oct RW
Cadmium, Total	ND	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Chromium, Total	7.1	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Copper, Total	20.	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Lead, Total	13.	mg/kg	2.0	1	6010B	06-Oct	10-Oct RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	06-Oct	10-Oct DM
Nickel, Total	6.5	mg/kg	1.0	1	6010B	06-Oct	10-Oct RW
Selenium, Total	ND	mg/kg	0.80	1	6010B	06-Oct	10-Oct RW
Silver, Total	ND	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Thallium, Total	ND	mg/kg	0.80	1	6010B	06-Oct	10-Oct RW
Zinc, Total	31.	mg/kg	2.0	1	6010B	06-Oct	10-Oct RW

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008939-05

IR-02548

Sample Matrix:

SOIL

Date Collected: 03-OCT-2000

Date Received : 05-OCT-2000

Date Reported : 11-OCT-00

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP	ANALYSIS	ID
Total Metals				1	3051			
Antimony, Total	ND	mg/kg	2.0	1	6010B	06-Oct	10-Oct	RW
Arsenic, Total	3.6	mg/kg	0.40	1	6010B	06-Oct	10-Oct	RW
Beryllium, Total	0.41	mg/kg	0.20	1	6010B	06-Oct	10-Oct	RW
Cadmium, Total	ND	mg/kg	0.40	1	6010B	06-Oct	10-Oct	RW
Chromium, Total	10.	mg/kg	0.40	1	6010B	06-Oct	10-Oct	RW
Copper, Total	20.	mg/kg	0.40	1	6010B	06-Oct	10-Oct	RW
Lead, Total	12.	mg/kg	2.0	1	6010B	06-Oct	10-Oct	RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	06-Oct	10-Oct	DM
Nickel, Total	11.	mg/kg	1.0	1	6010B	06-Oct	10-Oct	RW
Selenium, Total	ND	mg/kg	0.80	1	6010B	06-Oct	10-Oct	RW
Silver, Total	ND	mg/kg	0.40	1	6010B	06-Oct	10-Oct	RW
Thallium, Total	ND	mg/kg	0.80	1	6010B	06-Oct	10-Oct	RW
Zinc, Total	39.	mg/kg	2.0	1	6010B	06-Oct	10-Oct	RW

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008939-06

IR-02549

Date Collected: 03-OCT-2000

Date Received : 05-OCT-2000

Date Reported : 11-OCT-00

Sample Matrix: SOIL

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Total Metals				1	3051		
Antimony, Total	370	mg/kg	2.0	1	6010B	06-Oct	10-Oct RW
Arsenic, Total	110	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Beryllium, Total	0.30	mg/kg	0.20	1	6010B	06-Oct	10-Oct RW
Cadmium, Total	ND	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Chromium, Total	7.3	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Copper, Total	22.	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Lead, Total	990	mg/kg	2.0	1	6010B	06-Oct	10-Oct RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	06-Oct	10-Oct DM
Nickel, Total	7.8	mg/kg	0.99	1	6010B	06-Oct	10-Oct RW
Selenium, Total	ND	mg/kg	0.80	1	6010B	06-Oct	10-Oct RW
Silver, Total	ND	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Thallium, Total	ND	mg/kg	0.80	1	6010B	06-Oct	10-Oct RW
Zinc, Total	30.	mg/kg	2.0	1	6010B	06-Oct	10-Oct RW

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008939-07

IR-02550

Date Collected: 03-OCT-2000

Date Received : 05-OCT-2000

Date Reported : 11-OCT-00

Sample Matrix:

SOIL

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP	ID
						ANALYSIS	
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	06-Oct	10-Oct RW
Arsenic, Total	2.5	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Beryllium, Total	0.38	mg/kg	0.20	1	6010B	06-Oct	10-Oct RW
Cadmium, Total	ND	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Chromium, Total	8.0	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Copper, Total	23.	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Lead, Total	19.	mg/kg	2.0	1	6010B	06-Oct	10-Oct RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	06-Oct	10-Oct DM
Nickel, Total	7.7	mg/kg	1.0	1	6010B	06-Oct	10-Oct RW
Selenium, Total	ND	mg/kg	0.80	1	6010B	06-Oct	10-Oct RW
Silver, Total	ND	mg/kg	0.40	1	6010B	06-Oct	10-Oct RW
Thallium, Total	ND	mg/kg	0.80	1	6010B	06-Oct	10-Oct RW
Zinc, Total	31.	mg/kg	2.0	1	6010B	06-Oct	10-Oct RW

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008986-01
IR-02565

Date Collected: 05-OCT-2000

Date Received : 06-OCT-2000

Date Reported : 13-OCT-00

Sample Matrix: SOIL

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber,1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	ND	mg/kg	50.	4	418.1	10-Oct	11-Oct TH
Volatile Organics by GC/MS 8260					8260B		10-Oct BT
Methylene chloride	ND	ug/kg	26.				
1,1-Dichloroethane	ND	ug/kg	7.6				
Chloroform	ND	ug/kg	7.6				
Carbon tetrachloride	ND	ug/kg	5.1				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.1				
1,1,2-Trichloroethane	ND	ug/kg	7.6				
Tetrachloroethene	ND	ug/kg	5.1				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.1				
1,1,1-Trichloroethane	ND	ug/kg	5.1				
Bromodichloromethane	ND	ug/kg	5.1				
trans-1,3-Dichloropropene	ND	ug/kg	5.1				
cis-1,3-Dichloropropene	ND	ug/kg	5.1				
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	5.1				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1				
Benzene	ND	ug/kg	5.1				
Toluene	ND	ug/kg	7.6				
Ethylbenzene	ND	ug/kg	5.1				
Chloromethane	ND	ug/kg	51.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.6				
trans-1,2-Dichloroethene	ND	ug/kg	7.6				
Trichloroethene	ND	ug/kg	5.1				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				
Methyl tert butyl ether	ND	ug/kg	20.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008986-01
IR-02565

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p/m-Xylene	ND	ug/kg	5.1		8260B		10-Oct BT
o-Xylene	ND	ug/kg	5.1				
cis-1,2-Dichloroethene	ND	ug/kg	5.1				
Dibromomethane	ND	ug/kg	51.				
1,4-Dichlorobutane	ND	ug/kg	51.				
Iodomethane	ND	ug/kg	51.				
1,2,3-Trichloropropane	ND	ug/kg	51.				
Styrene	ND	ug/kg	5.1				
Dichlorodifluoromethane	ND	ug/kg	51.				
Acetone	ND	ug/kg	51.				
Carbon disulfide	ND	ug/kg	51.				
2-Butanone	ND	ug/kg	51.				
Vinyl acetate	ND	ug/kg	51.				
4-Methyl-2-pentanone	ND	ug/kg	51.				
2-Hexanone	ND	ug/kg	51.				
Ethyl methacrylate	ND	ug/kg	51.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	51.				
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	118.	%					
Toluene-d8	103.	%					
4-Bromofluorobenzene	104.	%					
Dibromofluoromethane	104.	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008986-01
IR-02565

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP ANALYSIS	
Volatile Organics by GC/MS 8260 continued				1	8260B	10-Oct	BT
Volatile Organics by GC/MS 8260 Tentatively Identified Compounds				1	8260B	10-Oct	BT
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270				1	8270C	10-Oct	11-Oct MK
Acenaphthene	ND	ug/kg	500				
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Benzo(e)pyrene	ND	ug/kg	500				
Biphenyl	ND	ug/kg	500				
Perylene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				
2-Methylnaphthalene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	90.0	%					
2-Fluorobiphenyl	82.0	%					
4-Terphenyl-d14	86.0	%					
PCB/Pesticides				1	8082/8081	10-Oct	12-Oct PB
Delta-BHC	ND	ug/kg	20.0				
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				
Endrin	ND	ug/kg	20.0				
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008986-01
 IR-02565

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
4,4'-DDD	ND	ug/kg	20.0			1	8082/8081
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	77.0	%					
Decachlorobiphenyl	50.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008986-02 Date Collected: 05-OCT-2000
 IR-02566 Date Received : 06-OCT-2000
 Sample Matrix: SOIL Date Reported : 13-OCT-00

Condition of Sample: Satisfactory Field Prep: None

Number & Type of Containers: 1-Amber, 1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	ND	mg/kg	50.	4	418.1	10-Oct	11-Oct TH
Volatile Organics by GC/MS 8260	ND	ug/kg	1	8260B		10-Oct	BT
Methylene chloride	ND	ug/kg	25.				
Dichloroethane	ND	ug/kg	7.6				
Bromoform	ND	ug/kg	7.6				
Carbon tetrachloride	ND	ug/kg	5.0				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.0				
1,1,2-Trichloroethane	ND	ug/kg	7.6				
Tetrachloroethene	ND	ug/kg	5.0				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	25.				
1,2-Dichloroethane	ND	ug/kg	5.0				
1,1,1-Trichloroethane	ND	ug/kg	5.0				
Bromodichloromethane	ND	ug/kg	5.0				
trans-1,3-Dichloropropene	ND	ug/kg	5.0				
cis-1,3-Dichloropropene	ND	ug/kg	5.0				
1,1-Dichloropropene	ND	ug/kg	25.				
Bromoform	ND	ug/kg	5.0				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0				
Benzene	ND	ug/kg	5.0				
Toluene	ND	ug/kg	7.6				
Ethylbenzene	ND	ug/kg	5.0				
Chloromethane	ND	ug/kg	50.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.6				
trans-1,2-Dichloroethene	ND	ug/kg	7.6				
Trichloroethene	ND	ug/kg	5.0				
1,2-Dichlorobenzene	ND	ug/kg	25.				
1,3-Dichlorobenzene	ND	ug/kg	25.				
1,4-Dichlorobenzene	ND	ug/kg	25.				
Methyl tert butyl ether	ND	ug/kg	20.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008986-02
IR-02566

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p/m-Xylene	ND	ug/kg	5.0		1	8260B	10-Oct BT
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	5.0				
Dibromomethane	ND	ug/kg	50.				
1,4-Dichlorobutane	ND	ug/kg	50.				
Iodomethane	ND	ug/kg	50.				
1,2,3-Trichloropropane	ND	ug/kg	50.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	50.				
Acetone	ND	ug/kg	50.				
Carbon disulfide	ND	ug/kg	50.				
2-Butanone	ND	ug/kg	50.				
Vinyl acetate	ND	ug/kg	50.				
4-Methyl-2-pentanone	ND	ug/kg	50.				
2-Hexanone	ND	ug/kg	50.				
Ethyl methacrylate	ND	ug/kg	50.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	50.				
Bromochloromethane	ND	ug/kg	25.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropene	ND	ug/kg	25.				
1,2-Dibromoethane	ND	ug/kg	25.				
1,3-Dichloropropene	ND	ug/kg	25.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	25.				
Bromobenzene	ND	ug/kg	25.				
n-Butylbenzene	ND	ug/kg	25.				
sec-Butylbenzene	ND	ug/kg	25.				
tert-Butylbenzene	ND	ug/kg	25.				
o-Chlorotoluene	ND	ug/kg	25.				
p-Chlorotoluene	ND	ug/kg	25.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	25.				
Hexachlorobutadiene	ND	ug/kg	25.				
Isopropylbenzene	ND	ug/kg	25.				
p-Isopropyltoluene	ND	ug/kg	25.				
Naphthalene	ND	ug/kg	25.				
n-Propylbenzene	ND	ug/kg	25.				
1,2,3-Trichlorobenzene	ND	ug/kg	25.				
1,2,4-Trichlorobenzene	ND	ug/kg	25.				
1,3,5-Trimethylbenzene	ND	ug/kg	25.				
1,2,4-Trimethylbenzene	ND	ug/kg	25.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	25.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	114.	%					
Toluene-d8	99.0	%					
4-Bromofluorobenzene	98.0	%					
Dibromofluoromethane	102.	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008986-02
IR-02566

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	10-Oct	BT
Volatile Organics by GC/MS 8260 Tentatively Identified Compounds				1	8260B	10-Oct	BT
Unknown	17.	ug/kg					
Unknown	24.	ug/kg					
PNA's by GC/MS 8270				1	8270C	10-Oct	11-Oct MK
Acenaphthene	ND	ug/kg	500				
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Benzo(e)pyrene	ND	ug/kg	500				
Biphenyl	ND	ug/kg	500				
Perylene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				
2-Methylnaphthalene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	93.0	%					
2-Fluorobiphenyl	82.0	%					
4-Terphenyl-d14	87.0	%					
PCB/Pesticides				1	8082/8081	10-Oct	12-Oct PB
Delta-BHC	ND	ug/kg	20.0				
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				
Endrin	ND	ug/kg	20.0				
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008986-02
 IR-02566

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
4,4'-DDD	ND	ug/kg	20.0			1	8082/8081
4,4'-DDT	ND	ug/kg	20.0				10-Oct
Endosulfan I	ND	ug/kg	20.0				12-Oct
Endosulfan II	ND	ug/kg	20.0				PB
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	70.0	%					
Decachlorobiphenyl	60.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008986-03

IR-02567

Date Collected: 05-OCT-2000

Date Received : 06-OCT-2000

Date Reported : 13-OCT-00

Sample Matrix: SOIL

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber,1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP	ID ANALYSIS
Hydrocarbons, Total (IR)	ND	mg/kg	50.	4	418.1	10-Oct	11-Oct TH
Volatile Organics by GC/MS 8260				1	8260B		10-Oct BT
Methylene chloride	ND	ug/kg	25.				
1,1-Dichloroethane	ND	ug/kg	7.6				
Chloroform	ND	ug/kg	7.6				
Carbon tetrachloride	ND	ug/kg	5.0				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.0				
1,1,2-Trichloroethane	ND	ug/kg	7.6				
Tetrachloroethene	ND	ug/kg	5.0				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	25.				
1,2-Dichloroethane	ND	ug/kg	5.0				
1,1,1-Trichloroethane	ND	ug/kg	5.0				
Bromodichloromethane	ND	ug/kg	5.0				
trans-1,3-Dichloropropene	ND	ug/kg	5.0				
cis-1,3-Dichloropropene	ND	ug/kg	5.0				
1,1-Dichloropropene	ND	ug/kg	25.				
Bromoform	ND	ug/kg	5.0				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0				
Benzene	ND	ug/kg	5.0				
Toluene	ND	ug/kg	7.6				
Ethylbenzene	ND	ug/kg	5.0				
Chloromethane	ND	ug/kg	50.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.6				
trans-1,2-Dichloroethene	ND	ug/kg	7.6				
Trichloroethene	ND	ug/kg	5.0				
1,2-Dichlorobenzene	ND	ug/kg	25.				
1,3-Dichlorobenzene	ND	ug/kg	25.				
1,4-Dichlorobenzene	ND	ug/kg	25.				
Methyl tert butyl ether	ND	ug/kg	20.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008986-03
IR-02567

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p/m-Xylene	ND	ug/kg	5.0		1. 8260B		10-Oct BT
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	5.0				
Dibromomethane	ND	ug/kg	50.				
1,4-Dichlorobutane	ND	ug/kg	50.				
Iodomethane	ND	ug/kg	50.				
1,2,3-Trichloropropane	ND	ug/kg	50.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	50.				
Acetone	ND	ug/kg	50.				
Carbon disulfide	ND	ug/kg	50.				
2-Butanone	ND	ug/kg	50.				
Vinyl acetate	ND	ug/kg	50.				
4-Methyl-2-pentanone	ND	ug/kg	50.				
2-Hexanone	ND	ug/kg	50.				
Ethyl methacrylate	ND	ug/kg	50.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	50.				
Bromochloromethane	ND	ug/kg	25.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	25.				
1,2-Dibromoethane	ND	ug/kg	25.				
1,3-Dichloropropane	ND	ug/kg	25.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	25.				
Bromobenzene	ND	ug/kg	25.				
n-Butylbenzene	ND	ug/kg	25.				
sec-Butylbenzene	ND	ug/kg	25.				
tert-Butylbenzene	ND	ug/kg	25.				
o-Chlorotoluene	ND	ug/kg	25.				
p-Chlorotoluene	ND	ug/kg	25.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	25.				
Hexachlorobutadiene	ND	ug/kg	25.				
Isopropylbenzene	ND	ug/kg	25.				
p-Isopropyltoluene	ND	ug/kg	25.				
Naphthalene	ND	ug/kg	25.				
n-Propylbenzene	ND	ug/kg	25.				
1,2,3-Trichlorobenzene	ND	ug/kg	25.				
1,2,4-Trichlorobenzene	ND	ug/kg	25.				
1,3,5-Trimethylbenzene	ND	ug/kg	25.				
1,2,4-Trimethylbenzene	ND	ug/kg	25.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	25.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	114.	%					
Toluene-d8	109.	%					
4-Bromofluorobenzene	105.	%					
Dibromofluoromethane	103.	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008986-03
IR-02567

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B		10-Oct BT
Volatile Organics by GC/MS 8260 Tentatively Identified Compounds				1	8260B		10-Oct BT
Unknown	160	ug/kg					
Unknown	350	ug/kg					
Unknown	53.	ug/kg					
PNA's by GC/MS 8270				1	8270C		10-Oct 11-Oct MK
Acenaphthene	ND	ug/kg	500				
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Benzo(e)pyrene	ND	ug/kg	500				
Biphenyl	ND	ug/kg	500				
Perylene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				
2-Methylnaphthalene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	45.0	%					
2-Fluorobiphenyl	41.0	%					
4-Terphenyl-d14	44.0	%					
PCB/Pesticides				1	8082/8081		10-Oct 12-Oct PB
Delta-BHC	ND	ug/kg	20.0				
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				
Endrin	ND	ug/kg	20.0				
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008986-03
 IR-02567

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
4,4'-DDE	ND	ug/kg	20.0			1	8082/8081
4,4'-DDD	ND	ug/kg	20.0				10-Oct
4,4'-DDT	ND	ug/kg	20.0				12-Oct PB
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				

Surrogate Recovery

2,4,5,6-Tetrachloro-m-xylene	74.0	%
Decachlorobiphenyl	53.0	%

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008986-04

IR-02568

Sample Matrix:

SOIL

Date Collected: 05-OCT-2000

Date Received : 06-OCT-2000

Date Reported : 13-OCT-00

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS

***** THIS SAMPLE IS ON HOLD *****

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008986-05
IR-02569

Date Collected: 05-OCT-2000
Date Received : 06-OCT-2000

Date Reported : 13-OCT-00

Sample Matrix: SOIL

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS

***** THIS SAMPLE IS ON HOLD *****

Comments: Complete list of References and Glossary of Terms found in Addendum I

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008986-06 Date Collected: 05-OCT-2000
IR-02570 Date Received : 06-OCT-2000
Sample Matrix: SOIL Date Reported : 13-OCT-00

Condition of Sample: Satisfactory Field Prep: None

Number & Type of Containers: 1-Amber

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP	ID ANALYSIS
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***** THIS SAMPLE IS ON HOLD *****

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008986-07
IR-02571

Date Collected: 05-OCT-2000

Date Received : 06-OCT-2000

Date Reported : 13-OCT-00

Sample Matrix: SOIL

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS

***** THIS SAMPLE IS ON HOLD *****

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0008986-08
IR-02572

Date Collected: 05-OCT-2000
Date Received : 06-OCT-2000

Sample Matrix: WATER

Date Reported : 13-OCT-00

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260							
Methylene chloride	8.0	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
Tetrachloroethene	ND	ug/l	1.0				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.0				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.0				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	5.0				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Bromomethane	ND	ug/l	2.0				
Vinyl chloride	ND	ug/l	2.0				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	5.0				
1,3-Dichlorobenzene	ND	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	5.0				
Methyl tert butyl ether	ND	ug/l	4.0				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				
Iodomethane	ND	ug/l	10.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0008986-08
IR-02572

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
1,2,3-Trichloropropane	ND	ug/l	10.		8260B		10-Oct AM
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	10.				
Vinyl acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Ethyl methacrylate	ND	ug/l	10.				
Acrolein	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	5.0				
Tetrahydrofuran	ND	ug/l	20.				
2,2-Dichloropropane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	5.0				
1,3-Dichloropropane	ND	ug/l	5.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0				
Bromobenzene	ND	ug/l	5.0				
n-Butylbenzene	ND	ug/l	5.0				
sec-Butylbenzene	ND	ug/l	5.0				
tert-Butylbenzene	ND	ug/l	5.0				
o-Chlorotoluene	ND	ug/l	5.0				
p-Chlorotoluene	ND	ug/l	5.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0				
Hexachlorobutadiene	ND	ug/l	5.0				
Isopropylbenzene	ND	ug/l	5.0				
p-Isopropyltoluene	ND	ug/l	5.0				
Naphthalene	ND	ug/l	5.0				
n-Propylbenzene	ND	ug/l	5.0				
1,2,3-Trichlorobenzene	ND	ug/l	5.0				
1,2,4-Trichlorobenzene	ND	ug/l	5.0				
1,3,5-Trimethylbenzene	ND	ug/l	5.0				
1,2,4-Trimethylbenzene	ND	ug/l	5.0				
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0				
Ethyl ether	ND	ug/l	25.				

Surrogate Recovery

1,2-Dichloroethane-d4	116.	%
Toluene-d8	103.	%
4-Bromofluorobenzene	102.	%
Dibromofluoromethane	109.	%

Volatile Organics by GC/MS 8260		1	8260B	10-Oct AM
Tentatively Identified Compounds				
NO TENTATIVELY IDENTIFIED				
COMPOUNDS	ND	ug/l		

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009091-03 Date Collected: 06-OCT-2000
IR-02586 Date Received : 10-OCT-2000
Sample Matrix: SOIL Date Reported : 17-OCT-00

Condition of Sample: Satisfactory Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	50.	mg/kg	40.	4	418.1	12-Oct	13-Oct TH
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Arsenic, Total	4.0	mg/kg	0.40	1	6010B	11-Oct	12-Oct RW
Beryllium, Total	0.24	mg/kg	0.20	1	6010B	11-Oct	12-Oct RW
Cadmium, Total	ND	mg/kg	0.40	1	6010B	11-Oct	12-Oct RW
Chromium, Total	16.	mg/kg	0.40	1	6010B	11-Oct	12-Oct MM
Copper, Total	36.	mg/kg	0.40	1	6010B	11-Oct	12-Oct MM
Lead, Total	12.	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	11-Oct	12-Oct DM
Nickel, Total	10.	mg/kg	0.99	1	6010B	11-Oct	12-Oct RW
Selenium, Total	ND	mg/kg	0.79	1	6010B	11-Oct	12-Oct RW
Silver, Total	ND	mg/kg	0.40	1	6010B	11-Oct	12-Oct RW
Thallium, Total	ND	mg/kg	0.79	1	6010B	11-Oct	12-Oct RW
Zinc, Total	31.	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Chlorinated Herbicides by GC 8150				1	8151A	11-Oct	16-Oct PB
MCPP	ND	mg/kg	25.				
MCPA	ND	mg/kg	25.				
Dalapon	ND	mg/kg	1.0				
Dicamba	ND	mg/kg	0.05				
Dichloroprop	ND	mg/kg	0.50				
2,4-D	ND	mg/kg	0.50				
2,4-DB	ND	mg/kg	0.50				
2,4,5-T	ND	mg/kg	0.05				
2,4,5-TP (Silvex)	ND	mg/kg	0.05				
Dinoseb	ND	mg/kg	0.25				
Surrogate Recovery							
DCAA	73.0	%					
Volatile Organics by GC/MS 8260				1	8260B	11-Oct	BT

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-03
 IR-02586

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B		11-Oct BT
Methylene chloride	ND	ug/kg	290				
1,1-Dichloroethane	ND	ug/kg	7.8				
Chloroform	ND	ug/kg	7.8				
Carbon tetrachloride	ND	ug/kg	5.2				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.2				
1,1,2-Trichloroethane	ND	ug/kg	7.8				
Tetrachloroethene	ND	ug/kg	5.2				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.2				
1,1,1-Trichloroethane	ND	ug/kg	5.2				
Bromodichloromethane	ND	ug/kg	5.2				
trans-1,3-Dichloropropene	ND	ug/kg	5.2				
cis-1,3-Dichloropropene	ND	ug/kg	5.2				
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	5.2				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2				
Benzene	ND	ug/kg	5.2				
Toluene	ND	ug/kg	7.8				
Ethylbenzene	ND	ug/kg	5.2				
Chloromethane	ND	ug/kg	52.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.8				
trans-1,2-Dichloroethene	ND	ug/kg	7.8				
Trichloroethene	ND	ug/kg	5.2				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				
Methyl tert butyl ether	ND	ug/kg	21.				
p/m-Xylene	ND	ug/kg	5.2				
o-Xylene	ND	ug/kg	5.2				
cis-1,2-Dichloroethene	ND	ug/kg	5.2				
Dibromomethane	ND	ug/kg	52.				
1,4-Dichlorobutane	ND	ug/kg	52.				
Iodomethane	ND	ug/kg	52.				
1,2,3-Trichloropropane	ND	ug/kg	52.				
Styrene	ND	ug/kg	5.2				
Dichlorodifluoromethane	ND	ug/kg	52.				
Acetone	ND	ug/kg	52.				
Carbon disulfide	ND	ug/kg	52.				
2-Butanone	ND	ug/kg	52.				
Vinyl acetate	ND	ug/kg	52.				
4-Methyl-2-pentanone	ND	ug/kg	52.				
2-Hexanone	ND	ug/kg	52.				
Ethyl methacrylate	ND	ug/kg	52.				
Acrolein	ND	ug/kg	130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-03
IR-02586

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Acrylonitrile	ND	ug/kg	52.				
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	116.	%					
Toluene-d8	101.	%					
4-Bromofluorobenzene	105.	%					
Dibromofluoromethane	99.0	%					
Volatile Organics by GC/MS 8260							
Methylene chloride	ND	ug/kg	26.				
1,1-Dichloroethane	ND	ug/kg	7.8				
Chloroform	ND	ug/kg	7.8				
Carbon tetrachloride	ND	ug/kg	5.2				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.2				
1,1,2-Trichloroethane	ND	ug/kg	7.8				
Tetrachloroethene	ND	ug/kg	5.2				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.2				
1,1,1-Trichloroethane	ND	ug/kg	5.2				
Bromodichloromethane	ND	ug/kg	5.2				
trans-1,3-Dichloropropene	ND	ug/kg	5.2				
cis-1,3-Dichloropropene	ND	ug/kg	5.2				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-03
 IR-02586

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
1,1-Dichloropropene	ND	ug/kg	26.	1	8260B		14-Oct BT
Bromoform	ND	ug/kg	5.2				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2				
Benzene	ND	ug/kg	5.2				
Toluene	ND	ug/kg	7.8				
Ethylbenzene	ND	ug/kg	5.2				
Chloromethane	ND	ug/kg	52.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.8				
trans-1,2-Dichloroethene	ND	ug/kg	7.8				
Trichloroethene	ND	ug/kg	5.2				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				
Methyl tert butyl ether	ND	ug/kg	21.				
p/m-Xylene	ND	ug/kg	5.2				
o-Xylene	ND	ug/kg	5.2				
cis-1,2-Dichloroethene	ND	ug/kg	5.2				
Dibromomethane	ND	ug/kg	52.				
1,4-Dichlorobutane	ND	ug/kg	52.				
Iodomethane	ND	ug/kg	52.				
1,2,3-Trichloropropane	ND	ug/kg	52.				
Styrene	ND	ug/kg	5.2				
Dichlorodifluoromethane	ND	ug/kg	52.				
Acetone	ND	ug/kg	52.				
Carbon disulfide	ND	ug/kg	52.				
2-Butanone	ND	ug/kg	52.				
Vinyl acetate	ND	ug/kg	52.				
4-Methyl-2-pentanone	ND	ug/kg	52.				
2-Hexanone	ND	ug/kg	52.				
Ethyl methacrylate	ND	ug/kg	52.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	52.				
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-03
IR-02586

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Isopropylbenzene	ND	ug/kg	26.	1	8260B		14-Oct BT
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	128.	%					
Toluene-d8	100.	%					
4-Bromofluorobenzene	109.	%					
Dibromofluoromethane	110.	%					
Volatile Organics by GC/MS 8260							
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
Volatile Organics by GC/MS 8260							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270							
Acenaphthene	ND	ug/kg	500	1	8270C		11-Oct 12-Oct JA
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Benzo(e)pyrene	ND	ug/kg	500				
Biphenyl	ND	ug/kg	500				
Perylene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-03
 IR-02586

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PNA's by GC/MS 8270 continued				1	8270C	11-Oct	12-Oct JA
2-Methylnaphthalene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	28.0	%					
2-Fluorobiphenyl	29.0	%					
4-Terphenyl-d14	34.0	%					
PCB/Pesticides							
Delta-BHC	ND	ug/kg	20.0	1	8082/8081	11-Oct	13-Oct PB
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				
Endrin	ND	ug/kg	20.0				
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	37.0	%					
Decachlorobiphenyl	27.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009091-04 Date Collected: 06-OCT-2000
IR-02587 Date Received : 10-OCT-2000
Sample Matrix: SOIL Date Reported : 17-OCT-00
Condition of Sample: Satisfactory Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	170	mg/kg	40.	4	418.1	12-Oct	13-Oct TH
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Arsenic, Total	2.5	mg/kg	0.40	1	6010B	11-Oct	12-Oct RW
Beryllium, Total	ND	mg/kg	0.20	1	6010B	11-Oct	12-Oct RW
Cadmium, Total	ND	mg/kg	0.40	1	6010B	11-Oct	12-Oct RW
Chromium, Total	100	mg/kg	2.0	1	6010B	11-Oct	13-Oct MM
Copper, Total	27.	mg/kg	2.0	1	6010B	11-Oct	13-Oct MM
Lead, Total	13.	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	11-Oct	12-Oct DM
Nickel, Total	19.	mg/kg	1.0	1	6010B	11-Oct	12-Oct RW
Selenium, Total	ND	mg/kg	0.80	1	6010B	11-Oct	12-Oct RW
Silver, Total	ND	mg/kg	0.40	1	6010B	11-Oct	12-Oct RW
Thallium, Total	ND	mg/kg	0.80	1	6010B	11-Oct	12-Oct RW
Zinc, Total	30.	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Chlorinated Herbicides by GC 8150				1	8151A	11-Oct	16-Oct PB
MCPP	ND	mg/kg	25.				
MCPA	ND	mg/kg	25.				
Dalapon	ND	mg/kg	1.0				
Dicamba	ND	mg/kg	0.05				
Dichloroprop	ND	mg/kg	0.50				
2,4-D	ND	mg/kg	0.50				
2,4-DB	ND	mg/kg	0.50				
2,4,5-T	ND	mg/kg	0.05				
2,4,5-TP (Silvex)	ND	mg/kg	0.05				
Dinoseb	ND	mg/kg	0.25				
Surrogate Recovery							
DCAA	68.0	%					
Volatile Organics by GC/MS 8260				1	8260B	11-Oct	BT

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-04
 IR-02587

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP ANALYSIS	
Volatile Organics by GC/MS 8260 continued				1	8260B		11-Oct BT
Methylene chloride	ND	ug/kg	290				
1,1-Dichloroethane	ND	ug/kg	8.0				
Chloroform	ND	ug/kg	8.0				
Carbon tetrachloride	ND	ug/kg	5.3				
1,2-Dichloropropane	ND	ug/kg	19.				
Dibromochloromethane	ND	ug/kg	5.3				
1,1,2-Trichloroethane	ND	ug/kg	8.0				
Tetrachloroethene	ND	ug/kg	5.3				
Chlorobenzene	ND	ug/kg	19.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.3				
1,1,1-Trichloroethane	ND	ug/kg	5.3				
Bromodichloromethane	ND	ug/kg	5.3				
trans-1,3-Dichloropropene	ND	ug/kg	5.3				
cis-1,3-Dichloropropene	ND	ug/kg	5.3				
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	5.3				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3				
Benzene	ND	ug/kg	5.3				
Toluene	ND	ug/kg	8.0				
Ethylbenzene	ND	ug/kg	5.3				
Chloromethane	ND	ug/kg	53.				
Bromomethane	ND	ug/kg	11.				
Vinyl chloride	ND	ug/kg	11.				
Chloroethane	ND	ug/kg	11.				
1,1-Dichloroethene	ND	ug/kg	8.0				
trans-1,2-Dichloroethene	ND	ug/kg	8.0				
Trichloroethene	ND	ug/kg	5.3				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				
Methyl tert butyl ether	ND	ug/kg	21.				
p/m-Xylene	ND	ug/kg	5.3				
o-Xylene	ND	ug/kg	5.3				
cis-1,2-Dichloroethene	ND	ug/kg	5.3				
Dibromomethane	ND	ug/kg	53.				
1,4-Dichlorobutane	ND	ug/kg	53.				
Iodomethane	ND	ug/kg	53.				
1,2,3-Trichloropropane	ND	ug/kg	53.				
Styrene	ND	ug/kg	5.3				
Dichlorodifluoromethane	ND	ug/kg	53.				
Acetone	ND	ug/kg	53.				
Carbon disulfide	ND	ug/kg	53.				
2-Butanone	ND	ug/kg	53.				
Vinyl acetate	ND	ug/kg	53.				
4-Methyl-2-pentanone	ND	ug/kg	53.				
2-Hexanone	ND	ug/kg	53.				
Ethyl methacrylate	ND	ug/kg	53.				
Acrolein	ND	ug/kg	130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-04
IR-02587

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B		11-Oct BT
Acrylonitrile	ND	ug/kg	53.				
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	110				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	116.	%					
Toluene-d8	98.0	%					
4-Bromofluorobenzene	105.	%					
Dibromofluoromethane	101.	%					
Volatile Organics by GC/MS 8260							
Methylene chloride	ND	ug/kg	27.	1	8260B		14-Oct BT
1,1-Dichloroethane	ND	ug/kg	8.1				
Chloroform	ND	ug/kg	8.1				
Carbon tetrachloride	ND	ug/kg	5.4				
1,2-Dichloropropane	ND	ug/kg	19.				
Dibromochloromethane	ND	ug/kg	5.4				
1,1,2-Trichloroethane	ND	ug/kg	8.1				
Tetrachloroethene	ND	ug/kg	5.4				
Chlorobenzene	ND	ug/kg	19.				
Trichlorofluoromethane	ND	ug/kg	27.				
1,2-Dichloroethane	ND	ug/kg	5.4				
1,1,1-Trichloroethane	ND	ug/kg	5.4				
Bromodichloromethane	ND	ug/kg	5.4				
trans-1,3-Dichloropropene	ND	ug/kg	5.4				
cis-1,3-Dichloropropene	ND	ug/kg	5.4				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-04
IR-02587

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
1,1-Dichloropropene	ND	ug/kg	27.	1	8260B		14-Oct BT
Bromoform	ND	ug/kg	5.4				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4				
Benzene	ND	ug/kg	5.4				
Toluene	ND	ug/kg	8.1				
Ethylbenzene	ND	ug/kg	5.4				
Chloromethane	ND	ug/kg	54.				
Bromomethane	ND	ug/kg	11.				
Vinyl chloride	ND	ug/kg	11.				
Chloroethane	ND	ug/kg	11.				
1,1-Dichloroethene	ND	ug/kg	8.1				
trans-1,2-Dichloroethene	ND	ug/kg	8.1				
Trichloroethene	ND	ug/kg	5.4				
1,2-Dichlorobenzene	ND	ug/kg	27.				
1,3-Dichlorobenzene	ND	ug/kg	27.				
1,4-Dichlorobenzene	ND	ug/kg	27.				
Methyl tert butyl ether	ND	ug/kg	22.				
p/m-Xylene	ND	ug/kg	5.4				
o-Xylene	ND	ug/kg	5.4				
cis-1,2-Dichloroethene	ND	ug/kg	5.4				
Dibromomethane	ND	ug/kg	54.				
1,4-Dichlorobutane	ND	ug/kg	54.				
Iodomethane	ND	ug/kg	54.				
1,2,3-Trichloropropane	ND	ug/kg	54.				
Styrene	ND	ug/kg	5.4				
Dichlorodifluoromethane	ND	ug/kg	54.				
Acetone	ND	ug/kg	54.				
Carbon disulfide	ND	ug/kg	54.				
2-Butanone	ND	ug/kg	54.				
Vinyl acetate	ND	ug/kg	54.				
4-Methyl-2-pentanone	ND	ug/kg	54.				
2-Hexanone	ND	ug/kg	54.				
Ethyl methacrylate	ND	ug/kg	54.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	54.				
Bromochloromethane	ND	ug/kg	27.				
Tetrahydrofuran	ND	ug/kg	110				
2,2-Dichloropropane	ND	ug/kg	27.				
1,2-Dibromoethane	ND	ug/kg	27.				
1,3-Dichloropropane	ND	ug/kg	27.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	27.				
Bromobenzene	ND	ug/kg	27.				
n-Butylbenzene	ND	ug/kg	27.				
sec-Butylbenzene	ND	ug/kg	27.				
tert-Butylbenzene	ND	ug/kg	27.				
o-Chlorotoluene	ND	ug/kg	27.				
p-Chlorotoluene	ND	ug/kg	27.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	27.				
Hexachlorobutadiene	ND	ug/kg	27.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-04
IR-02587

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Isopropylbenzene	ND	ug/kg	27.	1	8260B		14-Oct BT
p-Isopropyltoluene	ND	ug/kg	27.				
Naphthalene	ND	ug/kg	27.				
n-Propylbenzene	ND	ug/kg	27.				
1,2,3-Trichlorobenzene	ND	ug/kg	27.				
1,2,4-Trichlorobenzene	ND	ug/kg	27.				
1,3,5-Trimethylbenzene	ND	ug/kg	27.				
1,2,4-Trimethylbenzene	ND	ug/kg	27.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	27.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	124.	%					
Toluene-d8	98.0	%					
4-Bromofluorobenzene	103.	%					
Dibromofluoromethane	104.	%					
Volatile Organics by GC/MS 8260							
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
Volatile Organics by GC/MS 8260							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270							
Acenaphthene	ND	ug/kg	1000	1	8270C	11-Oct	12-Oct JA
2-Chloronaphthalene	ND	ug/kg	1000				
Fluoranthenes	ND	ug/kg	1000				
Naphthalene	ND	ug/kg	1000				
Benzo(a)anthracene	ND	ug/kg	1000				
Benzo(a)pyrene	ND	ug/kg	1000				
Benzo(b)fluoranthene	ND	ug/kg	1000				
Benzo(k)fluoranthene	ND	ug/kg	1000				
Chrysene	ND	ug/kg	1000				
Acenaphthylene	ND	ug/kg	1000				
Anthracene	ND	ug/kg	1000				
Benzo(ghi)perylene	ND	ug/kg	1000				
Fluorene	ND	ug/kg	1000				
Phenanthrene	ND	ug/kg	1000				
Dibenzo(a,h)anthracene	ND	ug/kg	1000				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	1000				
Pyrene	ND	ug/kg	1000				
Benzo(e)pyrene	ND	ug/kg	1000				
Biphenyl	ND	ug/kg	1000				
Perylene	ND	ug/kg	1000				
1-Methylnaphthalene	ND	ug/kg	1000				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-04
 IR-02587

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PNA's by GC/MS 8270 continued				1	8270C	11-Oct	12-Oct JA
2-Methylnaphthalene	ND	ug/kg	1000				
Surrogate Recovery							
Nitrobenzene-d5	71.0	%					
2-Fluorobiphenyl	74.0	%					
4-Terphenyl-d14	78.0	%					
PCB/Pesticides				1	8082/8081	11-Oct	13-Oct PB
Delta-BHC	ND	ug/kg	20.0				
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				
Endrin	ND	ug/kg	20.0				
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	62.0	%					
Decachlorobiphenyl	35.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009091-05

IR-02588

Sample Matrix:

SOIL

Date Collected: 06-OCT-2000

Date Received : 10-OCT-2000

Date Reported : 17-OCT-00

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	210	mg/kg	40.	4	418.1	12-Oct	13-Oct TH
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Arsenic, Total	2.6	mg/kg	0.40	1	6010B	11-Oct	12-Oct RW
Beryllium, Total	ND	mg/kg	0.20	1	6010B	11-Oct	12-Oct RW
Cadmium, Total	ND	mg/kg	0.40	1	6010B	11-Oct	12-Oct RW
Chromium, Total	77.	mg/kg	2.0	1	6010B	11-Oct	13-Oct MM
Copper, Total	27.	mg/kg	2.0	1	6010B	11-Oct	13-Oct MM
Lead, Total	14.	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	11-Oct	12-Oct DM
Nickel, Total	18.	mg/kg	0.99	1	6010B	11-Oct	12-Oct RW
Selenium, Total	ND	mg/kg	0.79	1	6010B	11-Oct	12-Oct RW
Silver, Total	ND	mg/kg	0.40	1	6010B	11-Oct	12-Oct RW
Thallium, Total	ND	mg/kg	0.79	1	6010B	11-Oct	12-Oct RW
Zinc, Total	32.	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Chlorinated Herbicides by GC 8150				1	8151A	11-Oct	17-Oct PB
MCPP	ND	mg/kg	25.				
MCPA	ND	mg/kg	25.				
Dalapon	ND	mg/kg	1.0				
Dicamba	ND	mg/kg	0.05				
Dichloroprop	ND	mg/kg	0.50				
2,4-D	ND	mg/kg	0.50				
2,4-DB	ND	mg/kg	0.50				
2,4,5-T	ND	mg/kg	0.05				
2,4,5-TP (Silvex)	ND	mg/kg	0.05				
Dinoseb	ND	mg/kg	0.25				
Surrogate Recovery							
DCAA	72.0	%					
Volatile Organics by GC/MS 8260				1	8260B	11-Oct	BT

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-05
 IR-02588

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B		11-Oct BT
Methylene chloride	ND	ug/kg	290				
1,1-Dichloroethane	ND	ug/kg	7.6				
Chloroform	ND	ug/kg	7.6				
Carbon tetrachloride	ND	ug/kg	5.1				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.1				
1,1,2-Trichloroethane	ND	ug/kg	7.6				
Tetrachloroethene	ND	ug/kg	5.1				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.1				
1,1,1-Trichloroethane	ND	ug/kg	5.1				
Bromodichloromethane	ND	ug/kg	5.1				
trans-1,3-Dichloropropene	ND	ug/kg	5.1				
cis-1,3-Dichloropropene	ND	ug/kg	5.1				
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	5.1				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1				
Benzene	ND	ug/kg	5.1				
Toluene	ND	ug/kg	7.6				
Ethylbenzene	ND	ug/kg	5.1				
Chloromethane	ND	ug/kg	51.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.6				
trans-1,2-Dichloroethene	ND	ug/kg	7.6				
Trichloroethene	ND	ug/kg	5.1				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				
Methyl tert butyl ether	ND	ug/kg	20.				
p/m-Xylene	ND	ug/kg	5.1				
o-Xylene	ND	ug/kg	5.1				
cis-1,2-Dichloroethene	ND	ug/kg	5.1				
Dibromomethane	ND	ug/kg	51.				
1,4-Dichlorobutane	ND	ug/kg	51.				
Iodomethane	ND	ug/kg	51.				
1,2,3-Trichloropropane	ND	ug/kg	51.				
Styrene	ND	ug/kg	5.1				
Dichlorodifluoromethane	ND	ug/kg	51.				
Acetone	ND	ug/kg	51.				
Carbon disulfide	ND	ug/kg	51.				
2-Butanone	ND	ug/kg	51.				
Vinyl acetate	ND	ug/kg	51.				
4-Methyl-2-pentanone	ND	ug/kg	51.				
2-Hexanone	ND	ug/kg	51.				
Ethyl methacrylate	ND	ug/kg	51.				
Acrolein	ND	ug/kg	130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-05
IR-02588

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Acrylonitrile	ND	ug/kg	51.	1	8260B		11-Oct BT
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	116.	%					
Toluene-d8	101.	%					
4-Bromofluorobenzene	106.	%					
Dibromofluoromethane	101.	%					
Volatile Organics by GC/MS 8260							
Methylene chloride	ND	ug/kg	25.	1	8260B		14-Oct BT
1,1-Dichloroethane	ND	ug/kg	7.5				
Chloroform	ND	ug/kg	7.5				
Carbon tetrachloride	ND	ug/kg	5.0				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.0				
1,1,2-Trichloroethane	ND	ug/kg	7.5				
Tetrachloroethene	ND	ug/kg	5.0				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	25.				
1,2-Dichloroethane	ND	ug/kg	5.0				
1,1,1-Trichloroethane	ND	ug/kg	5.0				
Bromodichloromethane	ND	ug/kg	5.0				
trans-1,3-Dichloropropene	ND	ug/kg	5.0				
cis-1,3-Dichloropropene	ND	ug/kg	5.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-05
 IR-02588

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	14-Oct	BT
1,1-Dichloropropene	ND	ug/kg	25.				
Bromoform	ND	ug/kg	5.0				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0				
Benzene	ND	ug/kg	5.0				
Toluene	ND	ug/kg	7.5				
Ethylbenzene	ND	ug/kg	5.0				
Chloromethane	ND	ug/kg	50.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.5				
trans-1,2-Dichloroethene	ND	ug/kg	7.5				
Trichloroethene	ND	ug/kg	5.0				
1,2-Dichlorobenzene	ND	ug/kg	25.				
1,3-Dichlorobenzene	ND	ug/kg	25.				
1,4-Dichlorobenzene	ND	ug/kg	25.				
Methyl tert butyl ether	ND	ug/kg	20.				
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	5.0				
Dibromomethane	ND	ug/kg	50.				
1,4-Dichlorobutane	ND	ug/kg	50.				
Iodomethane	ND	ug/kg	50.				
1,2,3-Trichloropropane	ND	ug/kg	50.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	50.				
Acetone	ND	ug/kg	50.				
Carbon disulfide	ND	ug/kg	50.				
2-Butanone	ND	ug/kg	50.				
Vinyl acetate	ND	ug/kg	50.				
4-Methyl-2-pentanone	ND	ug/kg	50.				
2-Hexanone	ND	ug/kg	50.				
Ethyl methacrylate	ND	ug/kg	50.				
Acrolein	ND	ug/kg	120				
Acrylonitrile	ND	ug/kg	50.				
Bromochloromethane	ND	ug/kg	25.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	25.				
1,2-Dibromoethane	ND	ug/kg	25.				
1,3-Dichloropropane	ND	ug/kg	25.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	25.				
Bromobenzene	ND	ug/kg	25.				
n-Butylbenzene	ND	ug/kg	25.				
sec-Butylbenzene	ND	ug/kg	25.				
tert-Butylbenzene	ND	ug/kg	25.				
o-Chlorotoluene	ND	ug/kg	25.				
p-Chlorotoluene	ND	ug/kg	25.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	25.				
Hexachlorobutadiene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-05
IR-02588

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Isopropylbenzene	ND	ug/kg	25.	1	8260B		14-Oct BT
p-Isopropyltoluene	ND	ug/kg	25.				
Naphthalene	ND	ug/kg	25.				
n-Propylbenzene	ND	ug/kg	25.				
1,2,3-Trichlorobenzene	ND	ug/kg	25.				
1,2,4-Trichlorobenzene	ND	ug/kg	25.				
1,3,5-Trimethylbenzene	ND	ug/kg	25.				
1,2,4-Trimethylbenzene	ND	ug/kg	25.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	25.				
Ethyl ether	ND	ug/kg	120				
Surrogate Recovery							
1,2-Dichloroethane-d4	124.	%					
Toluene-d8	100.	%					
4-Bromofluorobenzene	113.	%					
Dibromofluoromethane	105.	%					
Volatile Organics by GC/MS 8260							
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
Volatile Organics by GC/MS 8260							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270							
Acenaphthene	ND	ug/kg	500	1	8270C	11-Oct	12-Oct JA
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Benzo(e)pyrene	ND	ug/kg	500				
Biphenyl	ND	ug/kg	500				
Perylene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-05
IR-02588

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PNA's by GC/MS 8270 continued				1	8270C	11-Oct	12-Oct JA
2-Methylnaphthalene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	49.0	%					
2-Fluorobiphenyl	59.0	%					
4-Terphenyl-d14	62.0	%					
PCB/Pesticides				1	8082/8081	11-Oct	13-Oct PB
Delta-BHC	ND	ug/kg	20.0				
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				
Endrin	ND	ug/kg	20.0				
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	64.0	%					
Decachlorobiphenyl	46.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009091-06

IR-02589

Sample Matrix:

SOIL

Date Collected: 06-OCT-2000

Date Received : 10-OCT-2000

Date Reported : 17-OCT-00

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	140	mg/kg	40.	4	418.1	12-Oct	13-Oct TH
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Arsenic, Total	1.8	mg/kg	0.40	1	6010B	11-Oct	12-Oct RW
Beryllium, Total	ND	mg/kg	0.20	1	6010B	11-Oct	12-Oct RW
Cadmium, Total	ND	mg/kg	0.40	1	6010B	11-Oct	12-Oct RW
Chromium, Total	110	mg/kg	2.0	1	6010B	11-Oct	13-Oct MM
Copper, Total	23.	mg/kg	2.0	1	6010B	11-Oct	13-Oct MM
Lead, Total	9.9	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	11-Oct	12-Oct DM
Nickel, Total	19.	mg/kg	0.99	1	6010B	11-Oct	12-Oct RW
Selenium, Total	ND	mg/kg	0.80	1	6010B	11-Oct	12-Oct RW
Silver, Total	ND	mg/kg	0.40	1	6010B	11-Oct	12-Oct RW
Thallium, Total	ND	mg/kg	0.80	1	6010B	11-Oct	12-Oct RW
Zinc, Total	25.	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Chlorinated Herbicides by GC 8150				1	8151A		
MCPP	ND	mg/kg	25.			11-Oct	17-Oct PB
MCPA	ND	mg/kg	25.				
Dalapon	ND	mg/kg	1.0				
Dicamba	ND	mg/kg	0.05				
Dichloroprop	ND	mg/kg	0.50				
2,4-D	ND	mg/kg	0.50				
2,4-DB	ND	mg/kg	0.50				
2,4,5-T	ND	mg/kg	0.05				
2,4,5-TP (Silvex)	ND	mg/kg	0.05				
Dinoseb	ND	mg/kg	0.25				
Surrogate Recovery							
DCAA	75.0	%					
Volatile Organics by GC/MS 8260				1	8260B		
Comments: Complete list of References and Glossary of Terms found in Addendum I							

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-06
IR-02589

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Methylene chloride	ND	ug/kg	290	1	8260B		11-Oct BT
1,1-Dichloroethane	ND	ug/kg	7.8				
Chloroform	ND	ug/kg	7.8				
Carbon tetrachloride	ND	ug/kg	5.2				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.2				
1,1,2-Trichloroethane	ND	ug/kg	7.8				
Tetrachloroethene	ND	ug/kg	5.2				
Chlorobenzene	ND	ug/kg	18.				
Trichlorodifluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.2				
1,1,1-Trichloroethane	ND	ug/kg	5.2				
Bromodichloromethane	ND	ug/kg	5.2				
trans-1,3-Dichloropropene	ND	ug/kg	5.2				
cis-1,3-Dichloropropene	ND	ug/kg	5.2				
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	5.2				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2				
Benzene	ND	ug/kg	5.2				
Toluene	ND	ug/kg	7.8				
Ethylbenzene	ND	ug/kg	5.2				
Chloromethane	ND	ug/kg	52.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.8				
trans-1,2-Dichloroethene	ND	ug/kg	7.8				
Trichloroethene	ND	ug/kg	5.2				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				
Methyl tert butyl ether	ND	ug/kg	21.				
p/m-Xylene	ND	ug/kg	5.2				
o-Xylene	ND	ug/kg	5.2				
cis-1,2-Dichloroethene	ND	ug/kg	5.2				
Dibromomethane	ND	ug/kg	52.				
1,4-Dichlorobutane	ND	ug/kg	52.				
Iodomethane	ND	ug/kg	52.				
1,2,3-Trichloropropane	ND	ug/kg	52.				
Styrene	ND	ug/kg	5.2				
Dichlorodifluoromethane	ND	ug/kg	52.				
Acetone	ND	ug/kg	52.				
Carbon disulfide	ND	ug/kg	52.				
2-Butanone	ND	ug/kg	52.				
Vinyl acetate	ND	ug/kg	52.				
4-Methyl-2-pentanone	ND	ug/kg	52.				
2-Hexanone	ND	ug/kg	52.				
Ethyl methacrylate	ND	ug/kg	52.				
Acrolein	ND	ug/kg	130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-06
IR-02589

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Acrylonitrile	ND	ug/kg	52.	1	8260B		11-Oct BT
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	119.	%					
Toluene-d8	103.	%					
4-Bromofluorobenzene	103.	%					
Dibromofluoromethane	103.	%					
Volatile Organics by GC/MS 8260							
Methylene chloride	ND	ug/kg	26.	1	8260B		14-Oct BT
1,1-Dichloroethane	ND	ug/kg	7.8				
Chloroform	ND	ug/kg	7.8				
Carbon tetrachloride	ND	ug/kg	5.2				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.2				
1,1,2-Trichloroethane	ND	ug/kg	7.8				
Tetrachloroethene	ND	ug/kg	5.2				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.2				
1,1,1-Trichloroethane	ND	ug/kg	5.2				
Bromodichloromethane	ND	ug/kg	5.2				
trans-1,3-Dichloropropene	ND	ug/kg	5.2				
cis-1,3-Dichloropropene	ND	ug/kg	5.2				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-06
 IR-02589

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
1,1-Dichloropropene	ND	ug/kg	26.	1	8260B		14-Oct BT
Bromoform	ND	ug/kg	5.2				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2				
Benzene	ND	ug/kg	5.2				
Toluene	ND	ug/kg	7.8				
Ethylbenzene	ND	ug/kg	5.2				
Chloromethane	ND	ug/kg	52.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.8				
trans-1,2-Dichloroethene	ND	ug/kg	7.8				
Trichloroethene	ND	ug/kg	5.2				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				
Methyl tert butyl ether	ND	ug/kg	21.				
p/m-Xylene	ND	ug/kg	5.2				
o-Xylene	ND	ug/kg	5.2				
cis-1,2-Dichloroethene	ND	ug/kg	5.2				
Dibromomethane	ND	ug/kg	52.				
1,4-Dichlorobutane	ND	ug/kg	52.				
Iodomethane	ND	ug/kg	52.				
1,2,3-Trichloropropane	ND	ug/kg	52.				
Styrene	ND	ug/kg	5.2				
Dichlorodifluoromethane	ND	ug/kg	52.				
Acetone	ND	ug/kg	52.				
Carbon disulfide	ND	ug/kg	52.				
2-Butanone	ND	ug/kg	52.				
Vinyl acetate	ND	ug/kg	52.				
4-Methyl-2-pentanone	ND	ug/kg	52.				
2-Hexanone	ND	ug/kg	52.				
Ethyl methacrylate	ND	ug/kg	52.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	52.				
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-06
IR-02589

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Isopropylbenzene	ND	ug/kg	26.	1	8260B		14-Oct BT
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	127.	%					
Toluene-d8	99.0	%					
4-Bromofluorobenzene	109.	%					
Dibromofluoromethane	100.	%					
Volatile Organics by GC/MS 8260							
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
Volatile Organics by GC/MS 8260							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270							
Acenaphthene	ND	ug/kg	500	1	8270C	11-Oct	12-Oct JA
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Benzo(e)pyrene	ND	ug/kg	500				
Biphenyl	ND	ug/kg	500				
Perylene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-06
IR-02589

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PNA's by GC/MS 8270 continued				1	8270C	11-Oct	12-Oct JA
2-Methylnaphthalene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	48.0	%					
2-Fluorobiphenyl	53.0	%					
4-Terphenyl-d14	58.0	%					
PCB/Pesticides				1	8082/8081	11-Oct	13-Oct PB
Delta-BHC	ND	ug/kg	20.0				
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				
Endrin	ND	ug/kg	20.0				
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	54.0	%					
Decachlorobiphenyl	35.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009091-07

IR-02590

Sample Matrix:

SOIL

Date Collected: 06-OCT-2000

Date Received : 10-OCT-2000

Date Reported : 17-OCT-00

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	78.	mg/kg	40.	4	418.1	12-Oct	13-Oct TH
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Arsenic, Total	2.2	mg/kg	0.39	1	6010B	11-Oct	12-Oct RW
Beryllium, Total	0.24	mg/kg	0.20	1	6010B	11-Oct	12-Oct RW
Cadmium, Total	ND	mg/kg	0.39	1	6010B	11-Oct	12-Oct RW
Chromium, Total	83.	mg/kg	2.0	1	6010B	11-Oct	13-Oct MM
Copper, Total	31.	mg/kg	2.0	1	6010B	11-Oct	13-Oct MM
Lead, Total	12.	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	11-Oct	12-Oct DM
Nickel, Total	16.	mg/kg	0.98	1	6010B	11-Oct	12-Oct RW
Selenium, Total	ND	mg/kg	0.79	1	6010B	11-Oct	12-Oct RW
Silver, Total	ND	mg/kg	0.39	1	6010B	11-Oct	12-Oct RW
Thallium, Total	ND	mg/kg	0.79	1	6010B	11-Oct	12-Oct RW
Zinc, Total	34.	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Chlorinated Herbicides by GC 8150				1	8151A	11-Oct	17-Oct PB
MCPP	ND	mg/kg	25.				
MCPA	ND	mg/kg	25.				
Dalapon	ND	mg/kg	1.0				
Dicamba	ND	mg/kg	0.05				
Dichloroprop	ND	mg/kg	0.50				
2,4-D	ND	mg/kg	0.50				
2,4-DB	ND	mg/kg	0.50				
2,4,5-T	ND	mg/kg	0.05				
2,4,5-TP (Silvex)	ND	mg/kg	0.05				
Dinoseb	ND	mg/kg	0.25				
Surrogate Recovery							
DCAA	64.0	\$					
Volatile Organics by GC/MS 8260				1	8260B	11-Oct	BT

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-07
 IR-02590

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B		11-Oct BT
Methylene chloride	ND	ug/kg	290				
1,1-Dichloroethane	ND	ug/kg	8.0				
Chloroform	ND	ug/kg	8.0				
Carbon tetrachloride	ND	ug/kg	5.3				
1,2-Dichloropropane	ND	ug/kg	19.				
Dibromochloromethane	ND	ug/kg	5.3				
1,1,2-Trichloroethane	ND	ug/kg	8.0				
Tetrachloroethene	ND	ug/kg	5.3				
Chlorobenzene	ND	ug/kg	19.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.3				
1,1,1-Trichloroethane	ND	ug/kg	5.3				
Bromodichloromethane	ND	ug/kg	5.3				
trans-1,3-Dichloropropene	ND	ug/kg	5.3				
cis-1,3-Dichloropropene	ND	ug/kg	5.3				
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	5.3				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3				
Benzene	ND	ug/kg	5.3				
Toluene	ND	ug/kg	8.0				
Ethylbenzene	ND	ug/kg	5.3				
Chloromethane	ND	ug/kg	53.				
Bromomethane	ND	ug/kg	11.				
Vinyl chloride	ND	ug/kg	11.				
Chloroethane	ND	ug/kg	11.				
1,1-Dichloroethene	ND	ug/kg	8.0				
trans-1,2-Dichloroethene	ND	ug/kg	8.0				
Trichloroethene	ND	ug/kg	5.3				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				
Methyl tert butyl ether	ND	ug/kg	21.				
p/m-Xylene	ND	ug/kg	5.3				
o-Xylene	ND	ug/kg	5.3				
cis-1,2-Dichloroethene	ND	ug/kg	5.3				
Dibromomethane	ND	ug/kg	53.				
1,4-Dichlorobutane	ND	ug/kg	53.				
Iodomethane	ND	ug/kg	53.				
1,2,3-Trichloropropane	ND	ug/kg	53.				
Styrene	ND	ug/kg	5.3				
Dichlorodifluoromethane	ND	ug/kg	53.				
Acetone	ND	ug/kg	53.				
Carbon disulfide	ND	ug/kg	53.				
2-Butanone	ND	ug/kg	53.				
Vinyl acetate	ND	ug/kg	53.				
4-Methyl-2-pentanone	ND	ug/kg	53.				
2-Hexanone	ND	ug/kg	53.				
Ethyl methacrylate	ND	ug/kg	53.				
Acrolein	ND	ug/kg	130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-07
IR-02590

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP ANALYSIS	

Volatile Organics by GC/MS 8260 continued

Acrylonitrile	ND	ug/kg	53.	1	8260B		
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	110				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				

Surrogate Recovery

1,2-Dichloroethane-d4	120.	%
Toluene-d8	102.	%
4-Bromofluorobenzene	106.	%
Dibromofluoromethane	104.	%

Volatile Organics by GC/MS 8260

Methylene chloride	ND	ug/kg	26.	1	8260B		14-Oct BT
1,1-Dichloroethane	ND	ug/kg	7.8				
Chloroform	ND	ug/kg	7.8				
Carbon tetrachloride	ND	ug/kg	5.2				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.2				
1,1,2-Trichloroethane	ND	ug/kg	7.8				
Tetrachloroethene	ND	ug/kg	5.2				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.2				
1,1,1-Trichloroethane	ND	ug/kg	5.2				
Bromodichloromethane	ND	ug/kg	5.2				
trans-1,3-Dichloropropene	ND	ug/kg	5.2				
cis-1,3-Dichloropropene	ND	ug/kg	5.2				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-07
 IR-02590

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B		14-Oct BT
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	5.2				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2				
Benzene	ND	ug/kg	5.2				
Toluene	ND	ug/kg	7.8				
Ethylbenzene	ND	ug/kg	5.2				
Chloromethane	ND	ug/kg	52.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.8				
trans-1,2-Dichloroethene	ND	ug/kg	7.8				
Trichloroethene	ND	ug/kg	5.2				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				
Methyl tert butyl ether	ND	ug/kg	21.				
p/m-Xylene	ND	ug/kg	5.2				
o-Xylene	ND	ug/kg	5.2				
cis-1,2-Dichloroethene	ND	ug/kg	5.2				
Dibromomethane	ND	ug/kg	52.				
1,4-Dichlorobutane	ND	ug/kg	52.				
Iodomethane	ND	ug/kg	52.				
1,2,3-Trichloropropane	ND	ug/kg	52.				
Styrene	ND	ug/kg	5.2				
Dichlorodifluoromethane	ND	ug/kg	52.				
Acetone	ND	ug/kg	52.				
Carbon disulfide	ND	ug/kg	52.				
2-Butanone	ND	ug/kg	52.				
Vinyl acetate	ND	ug/kg	52.				
4-Methyl-2-pentanone	ND	ug/kg	52.				
2-Hexanone	ND	ug/kg	52.				
Ethyl methacrylate	ND	ug/kg	52.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	52.				
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-07
IR-02590

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Isopropylbenzene	ND	ug/kg	26.	1	8260B		14-Oct BT
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	125.	%					
Toluene-d8	98.0	%					
4-Bromofluorobenzene	110.	%					
Dibromofluoromethane	103.	%					
Volatile Organics by GC/MS 8260							
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
Volatile Organics by GC/MS 8260							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270							
Acenaphthene	ND	ug/kg	500	1	8270C	11-Oct	13-Oct JA
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Benzo(e)pyrene	ND	ug/kg	500				
Biphenyl	ND	ug/kg	500				
Perylene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-07
 IR-02590

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PNA's by GC/MS 8270 continued							
2-Methylnaphthalene	ND	ug/kg	500	1	8270C	11-Oct	13-Oct JA
Surrogate Recovery							
Nitrobenzene-d5	98.0	%					
2-Fluorobiphenyl	93.0	%					
4-Terphenyl-d14	98.0	%					
PCB/Pesticides							
Delta-BHC	ND	ug/kg	20.0	1	8082/8081	11-Oct	15-Oct PB
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				
Endrin	ND	ug/kg	20.0				
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	63.0	%					
Decachlorobiphenyl	46.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009091-08

IR-02591

Date Collected: 06-OCT-2000

Date Received : 10-OCT-2000

Sample Matrix:

SOIL

Date Reported : 17-OCT-00

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber, 1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	ND	mg/kg	40.	4	418.1	13-Oct	13-Oct TH
Volatile Organics by GC/MS 8260				1	8260B		11-Oct BT
Methylene chloride	ND	ug/kg	290				
1,1-Dichloroethane	ND	ug/kg	7.6				
Chloroform	ND	ug/kg	7.6				
Carbon tetrachloride	ND	ug/kg	5.1				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.1				
1,1,2-Trichloroethane	ND	ug/kg	7.6				
Tetrachloroethene	ND	ug/kg	5.1				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.1				
1,1,1-Trichloroethane	ND	ug/kg	5.1				
Bromodichloromethane	ND	ug/kg	5.1				
trans-1,3-Dichloropropene	ND	ug/kg	5.1				
cis-1,3-Dichloropropene	ND	ug/kg	5.1				
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	5.1				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1				
Benzene	ND	ug/kg	5.1				
Toluene	ND	ug/kg	7.6				
Ethylbenzene	ND	ug/kg	5.1				
Chloromethane	ND	ug/kg	51.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.6				
trans-1,2-Dichloroethene	ND	ug/kg	7.6				
Trichloroethene	ND	ug/kg	5.1				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				
Methyl tert butyl ether	ND	ug/kg	20.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-08
 IR-02591

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p/m-Xylene	ND	ug/kg	5.1	1	8260B		11-Oct BT
o-Xylene	ND	ug/kg	5.1				
cis-1,2-Dichloroethene	ND	ug/kg	5.1				
Dibromomethane	ND	ug/kg	51.				
1,4-Dichlorobutane	ND	ug/kg	51.				
Iodomethane	ND	ug/kg	51.				
1,2,3-Trichloropropane	ND	ug/kg	51.				
Styrene	ND	ug/kg	5.1				
Dichlorodifluoromethane	ND	ug/kg	51.				
Acetone	ND	ug/kg	51.				
Carbon disulfide	ND	ug/kg	51.				
2-Butanone	ND	ug/kg	51.				
Vinyl acetate	ND	ug/kg	51.				
4-Methyl-2-pentanone	ND	ug/kg	51.				
2-Hexanone	ND	ug/kg	51.				
Ethyl methacrylate	ND	ug/kg	51.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	51.				
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	119.	%					
Toluene-d8	101.	%					
4-Bromofluorobenzene	102.	%					
Dibromofluoromethane	104.	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-08
IR-02591

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Volatile Organics by GC/MS 8260				1	8260B		15-Oct BT
Methylene chloride	ND	ug/kg	26.				
1,1-Dichloroethane	ND	ug/kg	7.9				
Chloroform	ND	ug/kg	7.9				
Carbon tetrachloride	ND	ug/kg	5.3				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.3				
1,1,2-Trichloroethane	ND	ug/kg	7.9				
Tetrachloroethene	ND	ug/kg	5.3				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.3				
1,1,1-Trichloroethane	ND	ug/kg	5.3				
Bromodichloromethane	ND	ug/kg	5.3				
trans-1,3-Dichloropropene	ND	ug/kg	5.3				
cis-1,3-Dichloropropene	ND	ug/kg	5.3				
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	5.3				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3				
Benzene	ND	ug/kg	5.3				
Toluene	ND	ug/kg	7.9				
Ethylbenzene	ND	ug/kg	5.3				
Chloromethane	ND	ug/kg	53.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.9				
trans-1,2-Dichloroethene	ND	ug/kg	7.9				
Trichloroethene	ND	ug/kg	5.3				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				
Methyl tert butyl ether	ND	ug/kg	21.				
p/m-Xylene	ND	ug/kg	5.3				
o-Xylene	ND	ug/kg	5.3				
cis-1,2-Dichloroethene	ND	ug/kg	5.3				
Dibromomethane	ND	ug/kg	53.				
1,4-Dichlorobutane	ND	ug/kg	53.				
Iodomethane	ND	ug/kg	53.				
1,2,3-Trichloropropene	ND	ug/kg	53.				
Styrene	ND	ug/kg	5.3				
Dichlorodifluoromethane	ND	ug/kg	53.				
Acetone	ND	ug/kg	53.				
Carbon disulfide	ND	ug/kg	53.				
2-Butanone	ND	ug/kg	53.				
Vinyl acetate	ND	ug/kg	53.				
4-Methyl-2-pentanone	ND	ug/kg	53.				
2-Hexanone	ND	ug/kg	53.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-08
IR-02591

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Ethyl methacrylate	ND	ug/kg	53.	1	8260B		15-Oct BT
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	53.				
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	123.	%					
Toluene-d8	99.0	%					
4-Bromofluorobenzene	107.	%					
Dibromofluoromethane	105.	%					
Volatile Organics by GC/MS 8260							
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
Volatile Organics by GC/MS 8260							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270							
Acenaphthene	ND	ug/kg	500	1	8270C		11-Oct 13-Oct JA
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-08
IR-02591

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PNA's by GC/MS 8270 continued							
Benzo(a)anthracene	ND	ug/kg	500		1 8270C	11-Oct	13-Oct JA
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Benzo(e)pyrene	ND	ug/kg	500				
Biphenyl	ND	ug/kg	500				
Perylene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				
2-Methylnaphthalene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	88.0	%					
2-Fluorobiphenyl	87.0	%					
4-Terphenyl-d14	100.	%					
PCB/Pesticides							
Delta-BHC	ND	ug/kg	20.0		1 8082/8081	11-Oct	15-Oct PB
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				
Endrin	ND	ug/kg	20.0				
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-08
IR-02591

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Aroclor 1232	ND	ug/kg	200.	1	8082/8081	11-Oct	15-Oct PB
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	66.0	%					
Decachlorobiphenyl	71.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009091-09
IR-02592

Date Collected: 06-OCT-2000

Sample Matrix: SOIL

Date Received : 10-OCT-2000

Date Reported : 17-OCT-00

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,2-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	ND	mg/kg	40.	4	418.1	12-Oct	13-Oct TH
Volatile Organics by GC/MS 8260				1	8260B		11-Oct BT
Methylene chloride	ND	ug/kg	290				
1,1-Dichloroethane	ND	ug/kg	7.7				
Chloroform	ND	ug/kg	7.7				
Carbon tetrachloride	ND	ug/kg	5.2				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.2				
1,1,2-Trichloroethane	ND	ug/kg	7.7				
Tetrachloroethene	ND	ug/kg	5.2				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.2				
1,1,1-Trichloroethane	ND	ug/kg	5.2				
Bromodichloromethane	ND	ug/kg	5.2				
trans-1,3-Dichloropropene	ND	ug/kg	5.2				
cis-1,3-Dichloropropene	ND	ug/kg	5.2				
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	5.2				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2				
Benzene	ND	ug/kg	5.2				
Toluene	ND	ug/kg	7.7				
Ethylbenzene	ND	ug/kg	5.2				
Chloromethane	ND	ug/kg	52.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.7				
trans-1,2-Dichloroethene	ND	ug/kg	7.7				
Trichloroethene	ND	ug/kg	5.2				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				
Methyl tert butyl ether	ND	ug/kg	21.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-09
IR-02592

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p/m-Xylene	ND	ug/kg	5.2	1	8260B		11-Oct BT
o-Xylene	ND	ug/kg	5.2				
cis-1,2-Dichloroethene	ND	ug/kg	5.2				
Dibromomethane	ND	ug/kg	52.				
1,4-Dichlorobutane	ND	ug/kg	52.				
Iodomethane	ND	ug/kg	52.				
1,2,3-Trichloropropane	ND	ug/kg	52.				
Styrene	ND	ug/kg	5.2				
Dichlorodifluoromethane	ND	ug/kg	52.				
Acetone	ND	ug/kg	52.				
Carbon disulfide	ND	ug/kg	52.				
2-Butanone	ND	ug/kg	52.				
Vinyl acetate	ND	ug/kg	52.				
4-Methyl-2-pentanone	ND	ug/kg	52.				
2-Hexanone	ND	ug/kg	52.				
Ethyl methacrylate	ND	ug/kg	52.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	52.				
Bromoform	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	120.	%					
Toluene-d8	100.	%					
4-Bromofluorobenzene	104.	%					
Dibromofluoromethane	103.	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-09
IR-02592

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Volatile Organics by GC/MS 8260				1	8260B		15-Oct BT
Methylene chloride	ND	ug/kg	26.				
1,1-Dichloroethane	ND	ug/kg	7.8				
Chloroform	ND	ug/kg	7.8				
Carbon tetrachloride	ND	ug/kg	5.2				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.2				
1,1,2-Trichloroethane	ND	ug/kg	7.8				
Tetrachloroethene	ND	ug/kg	5.2				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.2				
1,1,1-Trichloroethane	ND	ug/kg	5.2				
Bromodichloromethane	ND	ug/kg	5.2				
trans-1,3-Dichloropropene	ND	ug/kg	5.2				
cis-1,3-Dichloropropene	ND	ug/kg	5.2				
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	5.2				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2				
Benzene	ND	ug/kg	5.2				
Toluene	ND	ug/kg	7.8				
Ethylbenzene	ND	ug/kg	5.2				
Chloromethane	ND	ug/kg	52.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.8				
trans-1,2-Dichloroethene	ND	ug/kg	7.8				
Trichloroethene	ND	ug/kg	5.2				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				
Methyl tert butyl ether	ND	ug/kg	21.				
p/m-Xylene	ND	ug/kg	5.2				
o-Xylene	ND	ug/kg	5.2				
cis-1,2-Dichloroethene	ND	ug/kg	5.2				
Dibromomethane	ND	ug/kg	52.				
1,4-Dichlorobutane	ND	ug/kg	52.				
Iodomethane	ND	ug/kg	52.				
1,2,3-Trichloropropene	ND	ug/kg	52.				
Styrene	ND	ug/kg	5.2				
Dichlorodifluoromethane	ND	ug/kg	52.				
Acetone	ND	ug/kg	52.				
Carbon disulfide	ND	ug/kg	52.				
2-Butanone	ND	ug/kg	52.				
Vinyl acetate	ND	ug/kg	52.				
4-Methyl-2-pentanone	ND	ug/kg	52.				
2-Hexanone	ND	ug/kg	52.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-09
IR-02592

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Ethyl methacrylate	ND	ug/kg	52.	1	8260B		15-Oct BT
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	52.				
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	126.	%					
Toluene-d8	98.0	%					
4-Bromofluorobenzene	107.	%					
Dibromofluoromethane	108.	%					
Volatile Organics by GC/MS 8260							
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
Volatile Organics by GC/MS 8260							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270							
Acenaphthene	ND	ug/kg	500	1	8270C	11-Oct	13-Oct JA
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-09
IR-02592

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PNA's by GC/MS 8270 continued							
Benzo(a)anthracene	ND	ug/kg	500	1	8270C	11-Oct	13-Oct JA
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Benzo(e)pyrene	ND	ug/kg	500				
Biphenyl	ND	ug/kg	500				
Perylene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				
2-Methylnaphthalene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	105.	%					
2-Fluorobiphenyl	96.0	%					
4-Terphenyl-d14	106.	%					
PCB/Pesticides							
Delta-BHC	ND	ug/kg	20.0	1	8082/8081	11-Oct	15-Oct PB
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				
Endrin	ND	ug/kg	20.0				
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-09
IR-02592

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Aroclor 1232	ND	ug/kg	200.	1	8082/8081	11-Oct	15-Oct PB
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	65.0	%					
Decachlorobiphenyl	47.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA : M-MA-086 NH : 200395-B/C CT : PH-0574 ME : MA086 RI : 65

Laboratory Sample Number: L0009091-10
Sample Matrix: SOIL
IR-02593

Date Collected: 06-OCT-2000
Date Received : 10-OCT-2000
Date Reported : 17-OCT-00

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber, 1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	ND	mg/kg	40.	4	418.1	13-Oct	13-Oct TH
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Arsenic, Total	4.9	mg/kg	0.40	1	6010B	11-Oct	12-Oct RW
Beryllium, Total	ND	mg/kg	0.20	1	6010B	11-Oct	12-Oct RW
Cadmium, Total	ND	mg/kg	0.40	1	6010B	11-Oct	12-Oct RW
Chromium, Total	5.3	mg/kg	2.0	1	6010B	11-Oct	13-Oct MM
Copper, Total	19.	mg/kg	2.0	1	6010B	11-Oct	13-Oct MM
Lead, Total	9.0	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	11-Oct	12-Oct DM
Nickel, Total	7.3	mg/kg	1.0	1	6010B	11-Oct	12-Oct RW
Selenium, Total	ND	mg/kg	0.80	1	6010B	11-Oct	12-Oct RW
Silver, Total	ND	mg/kg	0.40	1	6010B	11-Oct	12-Oct RW
Thallium, Total	ND	mg/kg	0.80	1	6010B	11-Oct	12-Oct RW
Zinc, Total	32.	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Volatile Organics by GC/MS 8260				1	8260B		11-Oct BT
Methylene chloride	ND	ug/kg	280				
1,1-Dichloroethane	ND	ug/kg	7.5				
Chloroform	ND	ug/kg	7.5				
Carbon tetrachloride	ND	ug/kg	5.0				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.0				
1,1,2-Trichloroethane	ND	ug/kg	7.5				
Tetrachloroethene	ND	ug/kg	5.0				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	25.				
1,2-Dichloroethane	ND	ug/kg	5.0				
1,1,1-Trichloroethane	ND	ug/kg	5.0				
Bromodichloromethane	ND	ug/kg	5.0				
trans-1,3-Dichloropropene	ND	ug/kg	5.0				
cis-1,3-Dichloropropene	ND	ug/kg	5.0				
1,1-Dichloropropene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-10
IR-02593

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP ANALYSIS	
Volatile Organics by GC/MS 8260 continued							
Bromoform	ND	ug/kg	5.0				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0				
Benzene	ND	ug/kg	5.0				
Toluene	ND	ug/kg	7.5				
Ethylbenzene	ND	ug/kg	5.0				
Chloromethane	ND	ug/kg	50.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.5				
trans-1,2-Dichloroethene	ND	ug/kg	7.5				
Trichloroethene	ND	ug/kg	5.0				
1,2-Dichlorobenzene	ND	ug/kg	25.				
1,3-Dichlorobenzene	ND	ug/kg	25.				
1,4-Dichlorobenzene	ND	ug/kg	25.				
Methyl tert butyl ether	ND	ug/kg	20.				
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	5.0				
Dibromomethane	ND	ug/kg	50.				
1,4-Dichlorobutane	ND	ug/kg	50.				
Iodomethane	ND	ug/kg	50.				
1,2,3-Trichloropropane	ND	ug/kg	50.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	50.				
Acetone	ND	ug/kg	50.				
Carbon disulfide	ND	ug/kg	50.				
2-Butanone	ND	ug/kg	50.				
Vinyl acetate	ND	ug/kg	50.				
4-Methyl-2-pentanone	ND	ug/kg	50.				
2-Hexanone	ND	ug/kg	50.				
Ethyl methacrylate	ND	ug/kg	50.				
Acrolein	ND	ug/kg	120				
Acrylonitrile	ND	ug/kg	50.				
Bromochloromethane	ND	ug/kg	25.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	25.				
1,2-Dibromoethane	ND	ug/kg	25.				
1,3-Dichloropropane	ND	ug/kg	25.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	25.				
Bromobenzene	ND	ug/kg	25.				
n-Butylbenzene	ND	ug/kg	25.				
sec-Butylbenzene	ND	ug/kg	25.				
tert-Butylbenzene	ND	ug/kg	25.				
o-Chlorotoluene	ND	ug/kg	25.				
p-Chlorotoluene	ND	ug/kg	25.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	25.				
Hexachlorobutadiene	ND	ug/kg	25.				
Isopropylbenzene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-10
IR-02593

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p-Isopropyltoluene	ND	ug/kg	25.	1	8260B		11-Oct BT
Naphthalene	ND	ug/kg	25.				
n-Propylbenzene	ND	ug/kg	25.				
1,2,3-Trichlorobenzene	ND	ug/kg	25.				
1,2,4-Trichlorobenzene	ND	ug/kg	25.				
1,3,5-Trimethylbenzene	ND	ug/kg	25.				
1,2,4-Trimethylbenzene	ND	ug/kg	25.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	25.				
Ethyl ether	ND	ug/kg	120				
Surrogate Recovery							
1,2-Dichloroethane-d4	120.	%					
Toluene-d8	99.0	%					
4-Bromofluorobenzene	106.	%					
Dibromofluoromethane	103.	%					
Volatile Organics by GC/MS 8260							
Methylene chloride	ND	ug/kg	26.	1	8260B		15-Oct BT
1,1-Dichloroethane	ND	ug/kg	7.7				
Chloroform	ND	ug/kg	7.7				
Carbon tetrachloride	ND	ug/kg	5.2				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.2				
1,1,2-Trichloroethane	ND	ug/kg	7.7				
Tetrachloroethene	ND	ug/kg	5.2				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.2				
1,1,1-Trichloroethane	ND	ug/kg	5.2				
Bromodichloromethane	ND	ug/kg	5.2				
trans-1,3-Dichloropropene	ND	ug/kg	5.2				
cis-1,3-Dichloropropene	ND	ug/kg	5.2				
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	5.2				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2				
Benzene	ND	ug/kg	5.2				
Toluene	ND	ug/kg	7.7				
Ethylbenzene	ND	ug/kg	5.2				
Chloromethane	ND	ug/kg	52.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.7				
trans-1,2-Dichloroethene	ND	ug/kg	7.7				
Trichloroethene	ND	ug/kg	5.2				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-10
 IR-02593

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Methyl tert butyl ether	ND	ug/kg	21.	1	8260B		15-Oct BT
p/m-Xylene	ND	ug/kg	5.2				
o-Xylene	ND	ug/kg	5.2				
cis-1,2-Dichloroethene	ND	ug/kg	5.2				
Dibromomethane	ND	ug/kg	52.				
1,4-Dichlorobutane	ND	ug/kg	52.				
Iodomethane	ND	ug/kg	52.				
1,2,3-Trichloropropane	ND	ug/kg	52.				
Styrene	ND	ug/kg	5.2				
Dichlorodifluoromethane	ND	ug/kg	52.				
Acetone	ND	ug/kg	52.				
Carbon disulfide	ND	ug/kg	52.				
2-Butanone	ND	ug/kg	52.				
Vinyl acetate	ND	ug/kg	52.				
4-Methyl-2-pentanone	ND	ug/kg	52.				
2-Hexanone	ND	ug/kg	52.				
Ethyl methacrylate	ND	ug/kg	52.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	52.				
Bromo-chloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	128.	%					
Toluene-d8	100.	%					
4-Bromofluorobenzene	104.	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-10
IR-02593

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B		15-Oct BT
Dibromofluoromethane	106.	%					
Volatile Organics by GC/MS 8260				1	8260B		11-Oct BT
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
Volatile Organics by GC/MS 8260				1	8260B		15-Oct BT
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270				1	8270C		11-Oct 12-Oct JA
Acenaphthene	ND	ug/kg	500				
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Benzo(e)pyrene	ND	ug/kg	500				
Biphenyl	ND	ug/kg	500				
Perylene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				
2-Methylnaphthalene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	52.0	%					
2-Fluorobiphenyl	56.0	%					
4-Terphenyl-d14	65.0	%					
PCB/Pesticides				1	8082/8081		11-Oct 13-Oct PB
Delta-BHC	ND	ug/kg	20.0				
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-10
 IR-02593

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Endrin	ND	ug/kg	20.0	1	8082/8081	11-Oct	13-Oct PB
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	57.0	%					
Decachlorobiphenyl	51.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009091-11

IR-02594

Date Collected: 06-OCT-2000

Date Received : 10-OCT-2000

Sample Matrix:

SOIL

Date Reported : 17-OCT-00

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	ND	mg/kg	40.	4	418.1	13-Oct	13-Oct TH
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Arsenic, Total	5.6	mg/kg	0.40	1	6010B	11-Oct	12-Oct RW
Beryllium, Total	ND	mg/kg	0.20	1	6010B	11-Oct	12-Oct RW
Cadmium, Total	ND	mg/kg	0.40	1	6010B	11-Oct	12-Oct RW
Chromium, Total	5.3	mg/kg	2.0	1	6010B	11-Oct	13-Oct MM
Copper, Total	19.	mg/kg	2.0	1	6010B	11-Oct	13-Oct MM
Lead, Total	10.	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	11-Oct	12-Oct DM
Nickel, Total	7.6	mg/kg	0.99	1	6010B	11-Oct	12-Oct RW
Selenium, Total	ND	mg/kg	0.79	1	6010B	11-Oct	12-Oct RW
Silver, Total	ND	mg/kg	0.40	1	6010B	11-Oct	12-Oct RW
Thallium, Total	ND	mg/kg	0.79	1	6010B	11-Oct	12-Oct RW
Zinc, Total	31.	mg/kg	2.0	1	6010B	11-Oct	12-Oct RW
Volatile Organics by GC/MS 8260				1	8260B		12-Oct BT
Methylene chloride	ND	ug/kg	280				
1,1-Dichloroethane	ND	ug/kg	7.5				
Chloroform	ND	ug/kg	7.5				
Carbon tetrachloride	ND	ug/kg	5.0				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.0				
1,1,2-Trichloroethane	ND	ug/kg	7.5				
Tetrachloroethene	ND	ug/kg	5.0				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	25.				
1,2-Dichloroethane	ND	ug/kg	5.0				
1,1,1-Trichloroethane	ND	ug/kg	5.0				
Bromodichloromethane	ND	ug/kg	5.0				
trans-1,3-Dichloropropene	ND	ug/kg	5.0				
cis-1,3-Dichloropropene	ND	ug/kg	5.0				
1,1-Dichloropropene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-11
IR-02594

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B		12-Oct BT
Bromoform	ND	ug/kg	5.0				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0				
Benzene	ND	ug/kg	5.0				
Toluene	ND	ug/kg	7.5				
Ethylbenzene	ND	ug/kg	5.0				
Chloromethane	ND	ug/kg	50.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.5				
trans-1,2-Dichloroethene	ND	ug/kg	7.5				
Trichloroethene	ND	ug/kg	5.0				
1,2-Dichlorobenzene	ND	ug/kg	25.				
1,3-Dichlorobenzene	ND	ug/kg	25.				
1,4-Dichlorobenzene	ND	ug/kg	25.				
Methyl tert butyl ether	ND	ug/kg	20.				
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	5.0				
Dibromomethane	ND	ug/kg	50.				
1,4-Dichlorobutane	ND	ug/kg	50.				
Iodomethane	ND	ug/kg	50.				
1,2,3-Trichloropropane	ND	ug/kg	50.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	50.				
Acetone	ND	ug/kg	50.				
Carbon disulfide	ND	ug/kg	50.				
2-Butanone	ND	ug/kg	50.				
Vinyl acetate	ND	ug/kg	50.				
4-Methyl-2-pentanone	ND	ug/kg	50.				
2-Hexanone	ND	ug/kg	50.				
Ethyl methacrylate	ND	ug/kg	50.				
Acrolein	ND	ug/kg	120				
Acrylonitrile	ND	ug/kg	50.				
Bromochloromethane	ND	ug/kg	25.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	25.				
1,2-Dibromoethane	ND	ug/kg	25.				
1,3-Dichloropropane	ND	ug/kg	25.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	25.				
Bromobenzene	ND	ug/kg	25.				
n-Butylbenzene	ND	ug/kg	25.				
sec-Butylbenzene	ND	ug/kg	25.				
tert-Butylbenzene	ND	ug/kg	25.				
o-Chlorotoluene	ND	ug/kg	25.				
p-Chlorotoluene	ND	ug/kg	25.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	25.				
Hexachlorobutadiene	ND	ug/kg	25.				
Isopropylbenzene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-11
IR-02594

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p-Isopropyltoluene	ND	ug/kg	25.	1	8260B		12-Oct BT
Naphthalene	ND	ug/kg	25.				
n-Propylbenzene	ND	ug/kg	25.				
1,2,3-Trichlorobenzene	ND	ug/kg	25.				
1,2,4-Trichlorobenzene	ND	ug/kg	25.				
1,3,5-Trimethylbenzene	ND	ug/kg	25.				
1,2,4-Trimethylbenzene	ND	ug/kg	25.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	25.				
Ethyl ether	ND	ug/kg	120				
Surrogate Recovery							
1,2-Dichloroethane-d4	122.	%					
Toluene-d8	96.0	%					
4-Bromofluorobenzene	106.	%					
Dibromofluoromethane	105.	%					
Volatile Organics by GC/MS 8260							
Methylene chloride	ND	ug/kg	26.	1	8260B		15-Oct BT
1,1-Dichloroethane	ND	ug/kg	8.0				
Chloroform	ND	ug/kg	8.0				
Carbon tetrachloride	ND	ug/kg	5.3				
1,2-Dichloropropane	ND	ug/kg	19.				
Dibromochloromethane	ND	ug/kg	5.3				
1,1,2-Trichloroethane	ND	ug/kg	8.0				
Tetrachloroethene	ND	ug/kg	5.3				
Chlorobenzene	ND	ug/kg	19.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.3				
1,1,1-Trichloroethane	ND	ug/kg	5.3				
Bromodichloromethane	ND	ug/kg	5.3				
trans-1,3-Dichloropropene	ND	ug/kg	5.3				
cis-1,3-Dichloropropene	ND	ug/kg	5.3				
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	5.3				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3				
Benzene	ND	ug/kg	5.3				
Toluene	ND	ug/kg	8.0				
Ethylbenzene	ND	ug/kg	5.3				
Chloromethane	ND	ug/kg	53.				
Bromomethane	ND	ug/kg	11.				
Vinyl chloride	ND	ug/kg	11.				
Chloroethane	ND	ug/kg	11.				
1,1-Dichloroethene	ND	ug/kg	8.0				
trans-1,2-Dichloroethene	ND	ug/kg	8.0				
Trichloroethene	ND	ug/kg	5.3				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-11
 IR-02594

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP ANALYSIS	
Volatile Organics by GC/MS 8260 continued							
Methyl tert butyl ether	ND	ug/kg	21.	1	8260B		15-Oct BT
p/m-Xylene	ND	ug/kg	5.3				
o-Xylene	ND	ug/kg	5.3				
cis-1,2-Dichloroethene	ND	ug/kg	5.3				
Dibromomethane	ND	ug/kg	53.				
1,4-Dichlorobutane	ND	ug/kg	53.				
Iodomethane	ND	ug/kg	53.				
1,2,3-Trichloropropane	ND	ug/kg	53.				
Styrene	ND	ug/kg	5.3				
Dichlorodifluoromethane	ND	ug/kg	53.				
Acetone	ND	ug/kg	53.				
Carbon disulfide	ND	ug/kg	53.				
2-Butanone	ND	ug/kg	53.				
Vinyl acetate	ND	ug/kg	53.				
4-Methyl-2-pentanone	ND	ug/kg	53.				
2-Hexanone	ND	ug/kg	53.				
Ethyl methacrylate	ND	ug/kg	53.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	53.				
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	110				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	124.	%					
Toluene-d8	101.	%					
4-Bromofluorobenzene	107.	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-11
IR-02594

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B		15-Oct BT
Dibromofluoromethane	105.	%					
Volatile Organics by GC/MS 8260				1	8260B		12-Oct BT
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
Volatile Organics by GC/MS 8260				1	8260B		15-Oct BT
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270				1	8270C		11-Oct 12-Oct JA
Acenaphthene	ND	ug/kg	500				
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Benzo(e)pyrene	ND	ug/kg	500				
Biphenyl	ND	ug/kg	500				
Perylene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				
2-Methylnaphthalene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	56.0	%					
2-Fluorobiphenyl	55.0	%					
4-Terphenyl-d14	64.0	%					
PCB/Pesticides				1	8082/8081		11-Oct 13-Oct PB
Delta-BHC	ND	ug/kg	20.0				
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-11
 IR-02594

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Endrin	ND	ug/kg	20.0	1	8082/8081	11-Oct	13-Oct PB
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	50.0	%					
Decachlorobiphenyl	35.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009091-12
 IR-02598

Date Collected: 02-OCT-2000

Date Received : 10-OCT-2000

Date Reported : 17-OCT-00

Sample Matrix: WATER

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP	ID ANALYSIS
Volatile Organics by GC/MS 8260				1	8260B		11-Oct BT
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
Tetrachloroethene	ND	ug/l	1.0				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.0				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.0				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	5.0				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Bromomethane	ND	ug/l	2.0				
Vinyl chloride	ND	ug/l	2.0				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	5.0				
1,3-Dichlorobenzene	ND	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	5.0				
Methyl tert butyl ether	ND	ug/l	4.0				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				
Iodomethane	ND	ug/l	10.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009091-12
 IR-02598

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
1,2,3-Trichloropropane	ND	ug/l	10.	1	8260B		11-Oct BT
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	10.				
Vinyl acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Ethyl methacrylate	ND	ug/l	10.				
Acrolein	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	5.0				
Tetrahydrofuran	ND	ug/l	20.				
2,2-Dichloropropane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	5.0				
1,3-Dichloropropane	ND	ug/l	5.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0				
Bromobenzene	ND	ug/l	5.0				
n-Butylbenzene	ND	ug/l	5.0				
sec-Butylbenzene	ND	ug/l	5.0				
tert-Butylbenzene	ND	ug/l	5.0				
o-Chlorotoluene	ND	ug/l	5.0				
p-Chlorotoluene	ND	ug/l	5.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0				
Hexachlorobutadiene	ND	ug/l	5.0				
Isopropylbenzene	ND	ug/l	5.0				
p-Isopropyltoluene	ND	ug/l	5.0				
Naphthalene	ND	ug/l	5.0				
n-Propylbenzene	ND	ug/l	5.0				
1,2,3-Trichlorobenzene	ND	ug/l	5.0				
1,2,4-Trichlorobenzene	ND	ug/l	5.0				
1,3,5-Trimethylbenzene	ND	ug/l	5.0				
1,2,4-Trimethylbenzene	ND	ug/l	5.0				
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0				
Ethyl ether	ND	ug/l	25.				
Surrogate Recovery							
1,2-Dichloroethane-d4	101.	%					
Toluene-d8	108.	%					
4-Bromofluorobenzene	108.	%					
Dibromofluoromethane	100.	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009122-01
1R-02599

Date Collected: 10-OCT-2000
Date Received : 11-OCT-2000

Sample Matrix: SOIL

Date Reported : 17-OCT-00

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	ND	mg/kg	40.	4	418.1	16-Oct	16-Oct TH
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	12-Oct	13-Oct RW
Arsenic, Total	2.6	mg/kg	0.39	1	6010B	12-Oct	13-Oct RW
Beryllium, Total	0.37	mg/kg	0.20	1	6010B	12-Oct	13-Oct RW
Cadmium, Total	ND	mg/kg	0.49	1	6010B	12-Oct	14-Oct RW
Chromium, Total	8.0	mg/kg	2.0	1	6010B	12-Oct	14-Oct RW
Copper, Total	22.	mg/kg	2.0	1	6010B	12-Oct	14-Oct RW
Lead, Total	13.	mg/kg	9.8	1	6010B	12-Oct	14-Oct RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	12-Oct	13-Oct DY
Nickel, Total	7.6	mg/kg	0.98	1	6010B	12-Oct	13-Oct RW
Selenium, Total	ND	mg/kg	0.79	1	6010B	12-Oct	13-Oct RW
Silver, Total	ND	mg/kg	0.39	1	6010B	12-Oct	13-Oct RW
Thallium, Total	ND	mg/kg	0.79	1	6010B	12-Oct	13-Oct RW
Zinc, Total	34.	mg/kg	9.8	1	6010B	12-Oct	14-Oct RW
Volatile Organics by GC/MS 8260				1	8260B		12-Oct BT
Methylene chloride	ND	ug/kg	280				
1,1-Dichloroethane	ND	ug/kg	7.6				
Chloroform	ND	ug/kg	7.6				
Carbon tetrachloride	ND	ug/kg	5.0				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.0				
1,1,2-Trichloroethane	ND	ug/kg	7.6				
Tetrachloroethene	ND	ug/kg	5.0				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	25.				
1,2-Dichloroethane	ND	ug/kg	5.0				
1,1,1-Trichloroethane	ND	ug/kg	5.0				
Bromodichloromethane	ND	ug/kg	5.0				
trans-1,3-Dichloropropene	ND	ug/kg	5.0				
cis-1,3-Dichloropropene	ND	ug/kg	5.0				
1,1-Dichloropropene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-01
 1R-02599

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Bromoform	ND	ug/kg	5.0				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0				
Benzene	ND	ug/kg	5.0				
Toluene	ND	ug/kg	7.6				
Ethylbenzene	ND	ug/kg	5.0				
Chloromethane	ND	ug/kg	50.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.6				
trans-1,2-Dichloroethene	ND	ug/kg	7.6				
Trichloroethene	ND	ug/kg	5.0				
1,2-Dichlorobenzene	ND	ug/kg	25.				
1,3-Dichlorobenzene	ND	ug/kg	25.				
1,4-Dichlorobenzene	ND	ug/kg	25.				
Methyl tert butyl ether	ND	ug/kg	20.				
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	5.0				
Dibromomethane	ND	ug/kg	50.				
1,4-Dichlorobutane	ND	ug/kg	50.				
Iodomethane	ND	ug/kg	50.				
1,2,3-Trichloropropane	ND	ug/kg	50.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	50.				
Acetone	ND	ug/kg	50.				
Carbon disulfide	ND	ug/kg	50.				
2-Butanone	ND	ug/kg	50.				
Vinyl acetate	ND	ug/kg	50.				
4-Methyl-2-pentanone	ND	ug/kg	50.				
2-Hexanone	ND	ug/kg	50.				
Ethyl methacrylate	ND	ug/kg	50.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	50.				
Bromochloromethane	ND	ug/kg	25.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	25.				
1,2-Dibromoethane	ND	ug/kg	25.				
1,3-Dichloropropane	ND	ug/kg	25.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	25.				
Bromobenzene	ND	ug/kg	25.				
n-Butylbenzene	ND	ug/kg	25.				
sec-Butylbenzene	ND	ug/kg	25.				
tert-Butylbenzene	ND	ug/kg	25.				
o-Chlorotoluene	ND	ug/kg	25.				
p-Chlorotoluene	ND	ug/kg	25.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	25.				
Hexachlorobutadiene	ND	ug/kg	25.				
Isopropylbenzene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-01
1R-02599

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS

Volatile Organics by GC/MS 8260 continued

p-Isopropyltoluene	ND	ug/kg	25.	1	8260B	12-Oct	BT
Naphthalene	ND	ug/kg	25.				
n-Propylbenzene	ND	ug/kg	25.				
1,2,3-Trichlorobenzene	ND	ug/kg	25.				
1,2,4-Trichlorobenzene	ND	ug/kg	25.				
1,3,5-Trimethylbenzene	ND	ug/kg	25.				
1,2,4-Trimethylbenzene	ND	ug/kg	25.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	25.				
Ethyl ether	ND	ug/kg	130				

Surrogate Recovery

1,2-Dichloroethane-d4	121.	%					
Toluene-d8	99.0	%					
4-Bromofluorobenzene	108.	%					
Dibromofluoromethane	104.	%					

Volatile Organics by GC/MS 8260

Methylene chloride	ND	ug/kg	26.	1	8260B	15-Oct	BT
1,1-Dichloroethane	ND	ug/kg	8.0				
Chloroform	ND	ug/kg	8.0				
Carbon tetrachloride	ND	ug/kg	5.3				
1,2-Dichloropropane	ND	ug/kg	19.				
Dibromochloromethane	ND	ug/kg	5.3				
1,1,2-Trichloroethane	ND	ug/kg	8.0				
Tetrachloroethene	ND	ug/kg	5.3				
Chlorobenzene	ND	ug/kg	19.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.3				
1,1,1-Trichloroethane	ND	ug/kg	5.3				
Bromodichloromethane	ND	ug/kg	5.3				
trans-1,3-Dichloropropene	ND	ug/kg	5.3				
cis-1,3-Dichloropropene	ND	ug/kg	5.3				
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	5.3				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3				
Benzene	ND	ug/kg	5.3				
Toluene	ND	ug/kg	8.0				
Ethylbenzene	ND	ug/kg	5.3				
Chloromethane	ND	ug/kg	53.				
Bromomethane	ND	ug/kg	11.				
Vinyl chloride	ND	ug/kg	11.				
Chloroethane	ND	ug/kg	11.				
1,1-Dichloroethene	ND	ug/kg	8.0				
trans-1,2-Dichloroethene	ND	ug/kg	8.0				
Trichloroethene	ND	ug/kg	5.3				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-01
 1R-02599

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Methyl tert butyl ether	ND	ug/kg	21.		1	8260B	15-Oct BT
p/m-Xylene	ND	ug/kg	5.3				
o-Xylene	ND	ug/kg	5.3				
cis-1,2-Dichloroethene	ND	ug/kg	5.3				
Dibromomethane	ND	ug/kg	53.				
1,4-Dichlorobutane	ND	ug/kg	53.				
Iodomethane	ND	ug/kg	53.				
1,2,3-Trichloropropane	ND	ug/kg	53.				
Styrene	ND	ug/kg	5.3				
Dichlorodifluoromethane	ND	ug/kg	53.				
Acetone	ND	ug/kg	53.				
Carbon disulfide	ND	ug/kg	53.				
2-Butanone	ND	ug/kg	53.				
Vinyl acetate	ND	ug/kg	53.				
4-Methyl-2-pentanone	ND	ug/kg	53.				
2-Hexanone	ND	ug/kg	53.				
Ethyl methacrylate	ND	ug/kg	53.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	53.				
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	110				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	130.	%					
Toluene-d8	98.0	%					
4-Bromofluorobenzene	109.	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-01
1R-02599

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B		15-Oct BT
Dibromofluoromethane	109.	%					
Volatile Organics by GC/MS 8260				1	8260B		12-Oct BT
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
Volatile Organics by GC/MS 8260				1	8260B		15-Oct BT
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270				1	8270C		11-Oct 13-Oct JA
Acenaphthene	ND	ug/kg	500				
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Benzo(e)pyrene	ND	ug/kg	500				
Biphenyl	ND	ug/kg	500				
Perylene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				
2-Methylnaphthalene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	54.0	%					
2-Fluorobiphenyl	58.0	%					
4-Terphenyl-d14	69.0	%					
PCB/Pesticides				1	8082/8081		11-Oct 13-Oct PB
Delta-BHC	ND	ug/kg	20.0				
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-01
 1R-02599

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Endrin	ND	ug/kg	20.0	1	8082/8081	11-Oct	13-Oct PB
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	41.0	%					
Decachlorobiphenyl	40.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009122-02 Date Collected: 10-OCT-2000
1R-02681 Date Received : 11-OCT-2000

Sample Matrix: SOIL Date Reported : 17-OCT-00

Condition of Sample: Satisfactory Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	ND	mg/kg	40.	4	418.1	16-Oct	16-Oct TH
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	12-Oct	13-Oct RW
Arsenic, Total	3.2	mg/kg	0.40	1	6010B	12-Oct	13-Oct RW
Beryllium, Total	0.48	mg/kg	0.20	1	6010B	12-Oct	13-Oct RW
Cadmium, Total	ND	mg/kg	0.49	1	6010B	12-Oct	14-Oct RW
Chromium, Total	10.	mg/kg	2.0	1	6010B	12-Oct	14-Oct RW
Copper, Total	34.	mg/kg	2.0	1	6010B	12-Oct	14-Oct RW
Lead, Total	14.	mg/kg	9.9	1	6010B	12-Oct	14-Oct RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	12-Oct	13-Oct DY
Nickel, Total	9.1	mg/kg	0.99	1	6010B	12-Oct	13-Oct RW
Selenium, Total	ND	mg/kg	0.79	1	6010B	12-Oct	13-Oct RW
Silver, Total	ND	mg/kg	0.40	1	6010B	12-Oct	13-Oct RW
Thallium, Total	ND	mg/kg	0.79	1	6010B	12-Oct	13-Oct RW
Zinc, Total	34.	mg/kg	9.9	1	6010B	12-Oct	14-Oct RW
Volatile Organics by GC/MS 8260				1	8260B		12-Oct BT
Methylene chloride	ND	ug/kg	290				
1,1-Dichloroethane	ND	ug/kg	7.6				
Chloroform	ND	ug/kg	7.6				
Carbon tetrachloride	ND	ug/kg	5.1				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.1				
1,1,2-Trichloroethane	ND	ug/kg	7.6				
Tetrachloroethene	ND	ug/kg	5.1				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.1				
1,1,1-Trichloroethane	ND	ug/kg	5.1				
Bromodichloromethane	ND	ug/kg	5.1				
trans-1,3-Dichloropropene	ND	ug/kg	5.1				
cis-1,3-Dichloropropene	ND	ug/kg	5.1				
1,1-Dichloropropene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-02
 LR-02681

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Bromoform	ND	ug/kg	5.1				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1				
Benzene	ND	ug/kg	5.1				
Toluene	ND	ug/kg	7.6				
Ethylbenzene	ND	ug/kg	5.1				
Chloromethane	ND	ug/kg	51.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.6				
trans-1,2-Dichloroethene	ND	ug/kg	7.6				
Trichloroethene	ND	ug/kg	5.1				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				
Methyl tert butyl ether	ND	ug/kg	20.				
p/m-Xylene	ND	ug/kg	5.1				
o-Xylene	ND	ug/kg	5.1				
cis-1,2-Dichloroethene	ND	ug/kg	5.1				
Dibromomethane	ND	ug/kg	51.				
1,4-Dichlorobutane	ND	ug/kg	51.				
Iodomethane	ND	ug/kg	51.				
1,2,3-Trichloropropane	ND	ug/kg	51.				
Styrene	ND	ug/kg	5.1				
Dichlorodifluoromethane	ND	ug/kg	51.				
Acetone	ND	ug/kg	51.				
Carbon disulfide	ND	ug/kg	51.				
2-Butanone	ND	ug/kg	51.				
Vinyl acetate	ND	ug/kg	51.				
4-Methyl-2-pentanone	ND	ug/kg	51.				
2-Hexanone	ND	ug/kg	51.				
Ethyl methacrylate	ND	ug/kg	51.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	51.				
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-02
 1R-02681

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p-Isopropyltoluene	ND	ug/kg	26.	1	8260B		12-Oct BT
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	122.	%					
Toluene-d8	99.0	%					
4-Bromofluorobenzene	104.	%					
Dibromofluoromethane	104.	%					
Volatile Organics by GC/MS 8260							
Methylene chloride	ND	ug/kg	26.	1	8260B		15-Oct BT
1,1-Dichloroethane	ND	ug/kg	7.7				
Chloroform	ND	ug/kg	7.7				
Carbon tetrachloride	ND	ug/kg	5.2				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.2				
1,1,2-Trichloroethane	ND	ug/kg	7.7				
Tetrachloroethene	ND	ug/kg	5.2				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.2				
1,1,1-Trichloroethane	ND	ug/kg	5.2				
Bromodichloromethane	ND	ug/kg	5.2				
trans-1,3-Dichloropropene	ND	ug/kg	5.2				
cis-1,3-Dichloropropene	ND	ug/kg	5.2				
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	5.2				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2				
Benzene	ND	ug/kg	5.2				
Toluene	ND	ug/kg	7.7				
Ethylbenzene	ND	ug/kg	5.2				
Chloromethane	ND	ug/kg	52.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.7				
trans-1,2-Dichloroethene	ND	ug/kg	7.7				
Trichloroethene	ND	ug/kg	5.2				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-02
 1R-02681

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Methyl tert butyl ether	ND	ug/kg	21.	1	8260B	15-Oct	BT
p/m-Xylene	ND	ug/kg	5.2				
o-Xylene	ND	ug/kg	5.2				
cis-1,2-Dichloroethene	ND	ug/kg	5.2				
Dibromomethane	ND	ug/kg	52.				
1,4-Dichlorobutane	ND	ug/kg	52.				
Iodomethane	ND	ug/kg	52.				
1,2,3-Trichloropropane	ND	ug/kg	52.				
Styrene	ND	ug/kg	5.2				
Dichlorodifluoromethane	ND	ug/kg	52.				
Acetone	ND	ug/kg	52.				
Carbon disulfide	ND	ug/kg	52.				
2-Butanone	ND	ug/kg	52.				
Vinyl acetate	ND	ug/kg	52.				
4-Methyl-2-pentanone	ND	ug/kg	52.				
2-Hexanone	ND	ug/kg	52.				
Ethyl methacrylate	ND	ug/kg	52.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	52.				
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	125.	%					
Toluene-d8	102.	%					
4-Bromofluorobenzene	104.	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-02
1R-02681

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	15-Oct	BT
Dibromofluoromethane	106.	%					
Volatile Organics by GC/MS 8260				1	8260B	12-Oct	BT
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
Volatile Organics by GC/MS 8260				1	8260B	15-Oct	BT
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270				1	8270C	11-Oct	12-Oct JA
Acenaphthene	ND	ug/kg	500				
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Benzo(e)pyrene	ND	ug/kg	500				
Biphenyl	ND	ug/kg	500				
Perylene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				
2-Methylnaphthalene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	59.0	%					
2-Fluorobiphenyl	65.0	%					
4-Terphenyl-d14	73.0	%					
PCB/Pesticides				1	8082/8081	11-Oct	13-Oct PB
Delta-BHC	ND	ug/kg	20.0				
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-02
 1R-02681

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Endrin	ND	ug/kg	20.0	1	8082/8081	11-Oct	13-Oct PB
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	73.0	%					
Decachlorobiphenyl	98.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009122-03 Date Collected: 10-OCT-2000
IR-02682

Sample Matrix: SOIL Date Received : 11-OCT-2000

Condition of Sample: Satisfactory Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	ND	mg/kg	40.	4	418.1	16-Oct	16-Oct TH
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	12-Oct	13-Oct RW
Arsenic, Total	3.0	mg/kg	0.40	1	6010B	12-Oct	13-Oct RW
Beryllium, Total	0.49	mg/kg	0.20	1	6010B	12-Oct	13-Oct RW
Cadmium, Total	ND	mg/kg	0.50	1	6010B	12-Oct	14-Oct RW
Chromium, Total	9.3	mg/kg	2.0	1	6010B	12-Oct	14-Oct RW
Copper, Total	41.	mg/kg	2.0	1	6010B	12-Oct	14-Oct RW
Lead, Total	16.	mg/kg	9.9	1	6010B	12-Oct	14-Oct RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	12-Oct	13-Oct DY
Nickel, Total	9.1	mg/kg	0.99	1	6010B	12-Oct	13-Oct RW
Selenium, Total	ND	mg/kg	0.79	1	6010B	12-Oct	13-Oct RW
Silver, Total	ND	mg/kg	0.40	1	6010B	12-Oct	13-Oct RW
Thallium, Total	ND	mg/kg	0.79	1	6010B	12-Oct	13-Oct RW
Zinc, Total	31.	mg/kg	9.9	1	6010B	12-Oct	14-Oct RW
Volatile Organics by GC/MS 8260				1	8260B		12-Oct BT
Methylene chloride	ND	ug/kg	290				
1,1-Dichloroethane	ND	ug/kg	7.6				
Chloroform	ND	ug/kg	7.6				
Carbon tetrachloride	ND	ug/kg	5.1				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.1				
1,1,2-Trichloroethane	ND	ug/kg	7.6				
Tetrachloroethene	ND	ug/kg	5.1				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.1				
1,1,1-Trichloroethane	ND	ug/kg	5.1				
Bromodichloromethane	ND	ug/kg	5.1				
trans-1,3-Dichloropropene	ND	ug/kg	5.1				
cis-1,3-Dichloropropene	ND	ug/kg	5.1				
1,1-Dichloropropene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-03
 1R-02682

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Bromoform	ND	ug/kg	5.1				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1				
Benzene	ND	ug/kg	5.1				
Toluene	ND	ug/kg	7.6				
Ethylbenzene	ND	ug/kg	5.1				
Chloromethane	ND	ug/kg	51.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.6				
trans-1,2-Dichloroethene	ND	ug/kg	7.6				
Trichloroethene	ND	ug/kg	5.1				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				
Methyl tert butyl ether	ND	ug/kg	20.				
p/m-Xylene	ND	ug/kg	5.1				
o-Xylene	ND	ug/kg	5.1				
cis-1,2-Dichloroethene	ND	ug/kg	5.1				
Dibromomethane	ND	ug/kg	51.				
1,4-Dichlorobutane	ND	ug/kg	51.				
Iodomethane	ND	ug/kg	51.				
1,2,3-Trichloroproppane	ND	ug/kg	51.				
Styrene	ND	ug/kg	5.1				
Dichlorodifluoromethane	ND	ug/kg	51.				
Acetone	ND	ug/kg	51.				
Carbon disulfide	ND	ug/kg	51.				
2-Butanone	ND	ug/kg	51.				
Vinyl acetate	ND	ug/kg	51.				
4-Methyl-2-pentanone	ND	ug/kg	51.				
2-Hexanone	ND	ug/kg	51.				
Ethyl methacrylate	ND	ug/kg	51.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	51.				
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-03
1R-02682

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p-Isopropyltoluene	ND	ug/kg	26.	1	8260B		12-Oct BT
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	123.	%					
Toluene-d8	97.0	%					
4-Bromofluorobenzene	108.	%					
Dibromofluoromethane	104.	%					
Volatile Organics by GC/MS 8260							
Methylene chloride	ND	ug/kg	26.	1	8260B		15-Oct BT
1,1-Dichloroethane	ND	ug/kg	7.6				
Chloroform	ND	ug/kg	7.6				
Carbon tetrachloride	ND	ug/kg	5.1				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.1				
1,1,2-Trichloroethane	ND	ug/kg	7.6				
Tetrachloroethene	ND	ug/kg	5.1				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.1				
1,1,1-Trichloroethane	ND	ug/kg	5.1				
Bromodichloromethane	ND	ug/kg	5.1				
trans-1,3-Dichloropropene	ND	ug/kg	5.1				
cis-1,3-Dichloropropene	ND	ug/kg	5.1				
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	5.1				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1				
Benzene	ND	ug/kg	5.1				
Toluene	ND	ug/kg	7.6				
Ethylbenzene	ND	ug/kg	5.1				
Chloromethane	ND	ug/kg	51.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.6				
trans-1,2-Dichloroethene	ND	ug/kg	7.6				
Trichloroethene	ND	ug/kg	5.1				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-03
 1R-02682

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Methyl tert butyl ether	ND	ug/kg	20.			1	8260B
p/m-Xylene	ND	ug/kg	5.1				
o-Xylene	ND	ug/kg	5.1				
cis-1,2-Dichloroethene	ND	ug/kg	5.1				
Dibromomethane	ND	ug/kg	51.				
1,4-Dichlorobutane	ND	ug/kg	51.				
Iodomethane	ND	ug/kg	51.				
1,2,3-Trichloropropane	ND	ug/kg	51.				
Styrene	ND	ug/kg	5.1				
Dichlorodifluoromethane	ND	ug/kg	51.				
Acetone	ND	ug/kg	51.				
Carbon disulfide	ND	ug/kg	51.				
2-Butanone	ND	ug/kg	51.				
Vinyl acetate	ND	ug/kg	51.				
4-Methyl-2-pentanone	ND	ug/kg	51.				
2-Hexanone	ND	ug/kg	51.				
Ethyl methacrylate	ND	ug/kg	51.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	51.				
Bromo-chloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	130.	%					
Toluene-d8	100.	%					
4-Bromofluorobenzene	112.	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-03
1R-02682

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B		15-Oct BT
Dibromofluoromethane	109.	%					
Volatile Organics by GC/MS 8260				1	8260B		12-Oct BT
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
Volatile Organics by GC/MS 8260				1	8260B		15-Oct BT
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270				1	8270C		11-Oct 13-Oct JA
Acenaphthene	ND	ug/kg	500				
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Benzo(e)pyrene	ND	ug/kg	500				
Biphenyl	ND	ug/kg	500				
Perylene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				
2-Methylnaphthalene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	97.0	%					
2-Fluorobiphenyl	95.0	%					
4-Terphenyl-d14	102.	%					
PCB/Pesticides				1	8082/8081		11-Oct 15-Oct PB
Delta-BHC	ND	ug/kg	20.0				
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-03
 1R-02682

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Endrin	ND	ug/kg	20.0	1	8082/8081	11-Oct	15-Oct PB
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	60.0	%					
Decachlorobiphenyl	65.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009122-04 Date Collected: 10-OCT-2000
1R-02683 Date Received : 11-OCT-2000
Sample Matrix: SOIL Date Reported : 17-OCT-00

Condition of Sample: Satisfactory Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	71.	mg/kg	40.	4	418.1	16-Oct	16-Oct TH
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	12-Oct	13-Oct RW
Arsenic, Total	6.0	mg/kg	0.40	1	6010B	12-Oct	13-Oct RW
Beryllium, Total	0.42	mg/kg	0.20	1	6010B	12-Oct	13-Oct RW
Cadmium, Total	ND	mg/kg	0.50	1	6010B	12-Oct	14-Oct RW
Chromium, Total	7.3	mg/kg	2.0	1	6010B	12-Oct	14-Oct RW
Copper, Total	15.	mg/kg	2.0	1	6010B	12-Oct	14-Oct RW
Lead, Total	ND	mg/kg	10.	1	6010B	12-Oct	14-Oct RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	12-Oct	13-Oct DY
Nickel, Total	8.8	mg/kg	1.0	1	6010B	12-Oct	13-Oct RW
Selenium, Total	ND	mg/kg	0.80	1	6010B	12-Oct	13-Oct RW
Silver, Total	ND	mg/kg	0.40	1	6010B	12-Oct	13-Oct RW
Thallium, Total	ND	mg/kg	0.80	1	6010B	12-Oct	13-Oct RW
Zinc, Total	34.	mg/kg	10.	1	6010B	12-Oct	14-Oct RW
Volatile Organics by GC/MS 8260				1	8260B		12-Oct BT
Methylene chloride	ND	ug/kg	280				
1,1-Dichloroethane	ND	ug/kg	7.5				
Chloroform	ND	ug/kg	7.5				
Carbon tetrachloride	ND	ug/kg	5.0				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.0				
1,1,2-Trichloroethane	ND	ug/kg	7.5				
Tetrachloroethene	ND	ug/kg	5.0				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	25.				
1,2-Dichloroethane	ND	ug/kg	5.0				
1,1,1-Trichloroethane	ND	ug/kg	5.0				
Bromodichloromethane	ND	ug/kg	5.0				
trans-1,3-Dichloropropene	ND	ug/kg	5.0				
cis-1,3-Dichloropropene	ND	ug/kg	5.0				
1,1-Dichloropropene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-04
 1R-02683

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP ANALYSIS	
Volatile Organics by GC/MS 8260 continued				1	8260B	12-Oct	BT
Bromoform	ND	ug/kg	5.0				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0				
Benzene	ND	ug/kg	5.0				
Toluene	ND	ug/kg	7.5				
Ethylbenzene	ND	ug/kg	5.0				
Chloromethane	ND	ug/kg	50.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.5				
trans-1,2-Dichloroethene	ND	ug/kg	7.5				
Trichloroethene	ND	ug/kg	5.0				
1,2-Dichlorobenzene	ND	ug/kg	25.				
1,3-Dichlorobenzene	ND	ug/kg	25.				
1,4-Dichlorobenzene	ND	ug/kg	25.				
Methyl tert butyl ether	ND	ug/kg	20.				
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	5.0				
Dibromomethane	ND	ug/kg	50.				
1,4-Dichlorobutane	ND	ug/kg	50.				
Iodomethane	ND	ug/kg	50.				
1,2,3-Trichloropropane	ND	ug/kg	50.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	50.				
Acetone	ND	ug/kg	50.				
Carbon disulfide	ND	ug/kg	50.				
2-Butanone	ND	ug/kg	50.				
Vinyl acetate	ND	ug/kg	50.				
4-Methyl-2-pentanone	ND	ug/kg	50.				
2-Hexanone	ND	ug/kg	50.				
Ethyl methacrylate	ND	ug/kg	50.				
Acrolein	ND	ug/kg	120				
Acrylonitrile	ND	ug/kg	50.				
Bromochloromethane	ND	ug/kg	25.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	25.				
1,2-Dibromoethane	ND	ug/kg	25.				
1,3-Dichloropropane	ND	ug/kg	25.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	25.				
Bromobenzene	ND	ug/kg	25.				
n-Butylbenzene	ND	ug/kg	25.				
sec-Butylbenzene	ND	ug/kg	25.				
tert-Butylbenzene	ND	ug/kg	25.				
o-Chlorotoluene	ND	ug/kg	25.				
p-Chlorotoluene	ND	ug/kg	25.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	25.				
Hexachlorobutadiene	ND	ug/kg	25.				
Isopropylbenzene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-04
1R-02683

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p-Isopropyltoluene	ND	ug/kg	25.	1	8260B		12-Oct BT
Naphthalene	ND	ug/kg	25.				
n-Propylbenzene	ND	ug/kg	25.				
1,2,3-Trichlorobenzene	ND	ug/kg	25.				
1,2,4-Trichlorobenzene	ND	ug/kg	25.				
1,3,5-Trimethylbenzene	ND	ug/kg	25.				
1,2,4-Trimethylbenzene	ND	ug/kg	25.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	25.				
Ethyl ether	ND	ug/kg	120				
Surrogate Recovery							
1,2-Dichloroethane-d4	122.	%					
Toluene-d8	99.0	%					
4-Bromofluorobenzene	107.	%					
Dibromofluoromethane	104.	%					
Volatile Organics by GC/MS 8260							
Methylene chloride	ND	ug/kg	26.	1	8260B		15-Oct BT
1,1-Dichloroethane	ND	ug/kg	7.7				
Chloroform	ND	ug/kg	7.7				
Carbon tetrachloride	ND	ug/kg	5.2				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.2				
1,1,2-Trichloroethane	ND	ug/kg	7.7				
Tetrachloroethene	ND	ug/kg	5.2				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.2				
1,1,1-Trichloroethane	ND	ug/kg	5.2				
Bromodichloromethane	ND	ug/kg	5.2				
trans-1,3-Dichloropropene	ND	ug/kg	5.2				
cis-1,3-Dichloropropene	ND	ug/kg	5.2				
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	5.2				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2				
Benzene	ND	ug/kg	5.2				
Toluene	ND	ug/kg	7.7				
Ethylbenzene	ND	ug/kg	5.2				
Chloromethane	ND	ug/kg	52.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.7				
trans-1,2-Dichloroethene	ND	ug/kg	7.7				
Trichloroethene	ND	ug/kg	5.2				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-04
1R-02683

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Methyl tert butyl ether	ND	ug/kg	21.		1 . 8260B		15-Oct BT
p/m-Xylene	ND	ug/kg	5.2				
o-Xylene	ND	ug/kg	5.2				
cis-1,2-Dichloroethene	ND	ug/kg	5.2				
Dibromomethane	ND	ug/kg	52.				
1,4-Dichlorobutane	ND	ug/kg	52.				
Iodomethane	ND	ug/kg	52.				
1,2,3-Trichloropropane	ND	ug/kg	52.				
Styrene	ND	ug/kg	5.2				
Dichlorodifluoromethane	ND	ug/kg	52.				
Acetone	ND	ug/kg	52.				
Carbon disulfide	ND	ug/kg	52.				
2-Butanone	ND	ug/kg	52.				
Vinyl acetate	ND	ug/kg	52.				
4-Methyl-2-pentanone	ND	ug/kg	52.				
2-Hexanone	ND	ug/kg	52.				
Ethyl methacrylate	ND	ug/kg	52.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	52.				
Bromo-chloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	127.	%					
Toluene-d8	102.	%					
4-Bromofluorobenzene	106.	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-04
1R-02683

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	15-Oct	BT
Dibromofluoromethane	104.	%					
Volatile Organics by GC/MS 8260				1	8260B	12-Oct	BT
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
Volatile Organics by GC/MS 8260				1	8260B	15-Oct	BT
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270				1	8270C	11-Oct	JA
Acenaphthene	ND	ug/kg	500				
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Benzo(e)pyrene	ND	ug/kg	500				
Biphenyl	ND	ug/kg	500				
Perylene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				
2-Methylnaphthalene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	66.0	%					
2-Fluorobiphenyl	68.0	%					
4-Terphenyl-d14	76.0	%					
PCB/Pesticides				1	8082/8081	11-Oct	13-Oct PB
Delta-BHC	ND	ug/kg	20.0				
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-04
 1R-02683

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Endrin	ND	ug/kg	20.0				
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	58.0	%					
Decachlorobiphenyl	44.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009122-05
1R-02685

Date Collected: 10-OCT-2000

Date Received : 11-OCT-2000

Date Reported : 17-OCT-00

Sample Matrix: SOIL

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES		ID
						PREP	ANALYSIS	
Hydrocarbons, Total (IR)	ND	mg/kg	40.	4	418.1	16-Oct	16-Oct	TH
Total Metals				1	3051			
Antimony, Total	ND	mg/kg	2.0	1	6010B	12-Oct	13-Oct	RW
Arsenic, Total	8.0	mg/kg	0.40	1	6010B	12-Oct	13-Oct	RW
Beryllium, Total	0.52	mg/kg	0.20	1	6010B	12-Oct	13-Oct	RW
Cadmium, Total	ND	mg/kg	0.50	1	6010B	12-Oct	14-Oct	RW
Chromium, Total	10.	mg/kg	2.0	1	6010B	12-Oct	14-Oct	RW
Copper, Total	22.	mg/kg	2.0	1	6010B	12-Oct	14-Oct	RW
Lead, Total	12.	mg/kg	9.9	1	6010B	12-Oct	14-Oct	RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	12-Oct	13-Oct	DY
Nickel, Total	14.	mg/kg	0.99	1	6010B	12-Oct	13-Oct	RW
Selenium, Total	ND	mg/kg	0.79	1	6010B	12-Oct	13-Oct	RW
Silver, Total	ND	mg/kg	0.40	1	6010B	12-Oct	13-Oct	RW
Thallium, Total	ND	mg/kg	0.79	1	6010B	12-Oct	13-Oct	RW
Zinc, Total	52.	mg/kg	9.9	1	6010B	12-Oct	14-Oct	RW
Volatile Organics by GC/MS 8260				1	8260B			12-Oct BT
Methylene chloride	ND	ug/kg	100					
1,1-Dichloroethane	ND	ug/kg	7.7					
Chloroform	ND	ug/kg	7.7					
Carbon tetrachloride	ND	ug/kg	5.2					
1,2-Dichloropropane	ND	ug/kg	18.					
Dibromochloromethane	ND	ug/kg	5.2					
1,1,2-Trichloroethane	ND	ug/kg	7.7					
Tetrachloroethene	ND	ug/kg	5.2					
Chlorobenzene	ND	ug/kg	18.					
Trichlorofluoromethane	ND	ug/kg	26.					
1,2-Dichloroethane	ND	ug/kg	5.2					
1,1,1-Trichloroethane	ND	ug/kg	5.2					
Bromodichloromethane	ND	ug/kg	5.2					
trans-1,3-Dichloropropene	ND	ug/kg	5.2					
cis-1,3-Dichloropropene	ND	ug/kg	5.2					
1,1-Dichloropropene	ND	ug/kg	26.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-05
 1R-02685

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Bromoform	ND	ug/kg	5.2				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2				
Benzene	ND	ug/kg	5.2				
Toluene	ND	ug/kg	7.7				
Ethylbenzene	ND	ug/kg	5.2				
Chloromethane	ND	ug/kg	52.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.7				
trans-1,2-Dichloroethene	ND	ug/kg	7.7				
Trichloroethene	ND	ug/kg	5.2				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				
Methyl tert butyl ether	ND	ug/kg	21.				
p/m-Xylene	ND	ug/kg	5.2				
o-Xylene	ND	ug/kg	5.2				
cis-1,2-Dichloroethene	ND	ug/kg	5.2				
Dibromomethane	ND	ug/kg	52.				
1,4-Dichlorobutane	ND	ug/kg	52.				
Iodomethane	ND	ug/kg	52.				
1,2,3-Trichloropropane	ND	ug/kg	52.				
Styrene	ND	ug/kg	5.2				
Dichlorodifluoromethane	ND	ug/kg	52.				
Acetone	ND	ug/kg	52.				
Carbon disulfide	ND	ug/kg	52.				
2-Butanone	ND	ug/kg	52.				
Vinyl acetate	ND	ug/kg	52.				
4-Methyl-2-pentanone	ND	ug/kg	52.				
2-Hexanone	ND	ug/kg	52.				
Ethyl methacrylate	ND	ug/kg	52.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	52.				
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-05
1R-02685

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p-Isopropyltoluene	ND	ug/kg	26.	1	8260B		12-Oct BT
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	125.	%					
Toluene-d8	101.	%					
4-Bromofluorobenzene	102.	%					
Dibromofluoromethane	106.	%					
Volatile Organics by GC/MS 8260							
Methylene chloride	ND	ug/kg	26.	1	8260B		15-Oct BT
1,1-Dichloroethane	ND	ug/kg	7.7				
Chloroform	ND	ug/kg	7.7				
Carbon tetrachloride	ND	ug/kg	5.2				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.2				
1,1,2-Trichloroethane	ND	ug/kg	7.7				
Tetrachloroethene	ND	ug/kg	5.2				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.2				
1,1,1-Trichloroethane	ND	ug/kg	5.2				
Bromodichloromethane	ND	ug/kg	5.2				
trans-1,3-Dichloropropene	ND	ug/kg	5.2				
cis-1,3-Dichloropropene	ND	ug/kg	5.2				
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	5.2				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2				
Benzene	ND	ug/kg	5.2				
Toluene	ND	ug/kg	7.7				
Ethylbenzene	ND	ug/kg	5.2				
Chloromethane	ND	ug/kg	52.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.7				
trans-1,2-Dichloroethene	ND	ug/kg	7.7				
Trichloroethene	ND	ug/kg	5.2				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-05
1R-02685

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Methyl tert butyl ether	ND	ug/kg	21.	1	8260B		15-Oct BT
p/m-Xylene	ND	ug/kg	5.2				
o-Xylene	ND	ug/kg	5.2				
cis-1,2-Dichloroethene	ND	ug/kg	5.2				
Dibromomethane	ND	ug/kg	52.				
1,4-Dichlorobutane	ND	ug/kg	52.				
Iodomethane	ND	ug/kg	52.				
1,2,3-Trichloropropane	ND	ug/kg	52.				
Styrene	ND	ug/kg	5.2				
Dichlorodifluoromethane	ND	ug/kg	52.				
Acetone	ND	ug/kg	52.				
Carbon disulfide	ND	ug/kg	52.				
2-Butanone	ND	ug/kg	52.				
Vinyl acetate	ND	ug/kg	52.				
4-Methyl-2-pentanone	ND	ug/kg	52.				
2-Hexanone	ND	ug/kg	52.				
Ethyl methacrylate	ND	ug/kg	52.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	52.				
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	130.	%					
Toluene-d8	98.0	%					
4-Bromofluorobenzene	108.	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-05
1R-02685

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	15-Oct	BT
Dibromofluoromethane	109.	%					
Volatile Organics by GC/MS 8260				1	8260B	12-Oct	BT
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
Volatile Organics by GC/MS 8260				1	8260B	15-Oct	BT
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270				1	8270C	11-Oct	13-Oct JA
Acenaphthene	ND	ug/kg	500				
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Benzo(e)pyrene	ND	ug/kg	500				
Biphenyl	ND	ug/kg	500				
Perylene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				
2-Methylnaphthalene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	52.0	%					
2-Fluorobiphenyl	53.0	%					
4-Terphenyl-d14	63.0	%					
PCB/Pesticides				1	8082/8081	11-Oct	13-Oct PB
Delta-BHC	ND	ug/kg	20.0				
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-05
 1R-02685

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Endrin	ND	ug/kg	20.0			11-Oct	13-Oct PB
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	60.0	%					
Decachlorobiphenyl	56.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009122-06 Date Collected: 10-OCT-2000
1R-02686 Date Received : 11-OCT-2000
Sample Matrix: SOIL Date Reported : 17-OCT-00
Condition of Sample: Satisfactory Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	.100	mg/kg	40.	4	418.1	16-Oct	16-Oct TH
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	12-Oct	13-Oct RW
Arsenic, Total	4.4	mg/kg	0.40	1	6010B	12-Oct	13-Oct RW
Beryllium, Total	ND	mg/kg	0.20	1	6010B	12-Oct	13-Oct RW
Cadmium, Total	ND	mg/kg	0.50	1	6010B	12-Oct	14-Oct RW
Chromium, Total	3.9	mg/kg	2.0	1	6010B	12-Oct	14-Oct RW
Copper, Total	10.	mg/kg	2.0	1	6010B	12-Oct	14-Oct RW
Lead, Total	ND	mg/kg	10.	1	6010B	12-Oct	14-Oct RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	12-Oct	13-Oct DY
Nickel, Total	5.0	mg/kg	1.0	1	6010B	12-Oct	13-Oct RW
Selenium, Total	ND	mg/kg	0.80	1	6010B	12-Oct	13-Oct RW
Silver, Total	ND	mg/kg	0.40	1	6010B	12-Oct	13-Oct RW
Thallium, Total	ND	mg/kg	0.80	1	6010B	12-Oct	13-Oct RW
Zinc, Total	20.	mg/kg	10.	1	6010B	12-Oct	14-Oct RW
Volatile Organics by GC/MS 8260				1	8260B		12-Oct BT
Methylene chloride	ND	ug/kg	78.				
1,1-Dichloroethane	ND	ug/kg	7.6				
Chloroform	ND	ug/kg	7.6				
Carbon tetrachloride	ND	ug/kg	5.1				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.1				
1,1,2-Trichloroethane	ND	ug/kg	7.6				
Tetrachloroethene	ND	ug/kg	5.1				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.1				
1,1,1-Trichloroethane	ND	ug/kg	5.1				
Bromodichloromethane	ND	ug/kg	5.1				
trans-1,3-Dichloropropene	ND	ug/kg	5.1				
cis-1,3-Dichloropropene	ND	ug/kg	5.1				
1,1-Dichloropropene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-06
1R-02686

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Bromoform	ND	ug/kg	5.1				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1				
Benzene	ND	ug/kg	5.1				
Toluene	ND	ug/kg	7.6				
Ethylbenzene	ND	ug/kg	5.1				
Chloromethane	ND	ug/kg	51.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.6				
trans-1,2-Dichloroethene	ND	ug/kg	7.6				
Trichloroethene	ND	ug/kg	5.1				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				
Methyl tert butyl ether	ND	ug/kg	20.				
p/m-Xylene	ND	ug/kg	5.1				
o-Xylene	ND	ug/kg	5.1				
cis-1,2-Dichloroethene	ND	ug/kg	5.1				
Dibromomethane	ND	ug/kg	51.				
1,4-Dichlorobutane	ND	ug/kg	51.				
Iodomethane	ND	ug/kg	51.				
1,2,3-Trichloropropane	ND	ug/kg	51.				
Styrene	ND	ug/kg	5.1				
Dichlorodifluoromethane	ND	ug/kg	51.				
Acetone	ND	ug/kg	51.				
Carbon disulfide	ND	ug/kg	51.				
2-Butanone	ND	ug/kg	51.				
Vinyl acetate	ND	ug/kg	51.				
4-Methyl-2-pentanone	ND	ug/kg	51.				
2-Hexanone	ND	ug/kg	51.				
Ethyl methacrylate	ND	ug/kg	51.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	51.				
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropene	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropene	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-06
1R-02686

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p-Isopropyltoluene	ND	ug/kg	26.	1	8260B		12-Oct BT
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	123.	%					
Toluene-d8	100.	%					
4-Bromofluorobenzene	105.	%					
Dibromofluoromethane	104.	%					
Volatile Organics by GC/MS 8260							
Methylene chloride	ND	ug/kg	25.	1	8260B		15-Oct BT
1,1-Dichloroethane	ND	ug/kg	7.6				
Chloroform	ND	ug/kg	7.6				
Carbon tetrachloride	ND	ug/kg	5.0				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.0				
1,1,2-Trichloroethane	ND	ug/kg	7.6				
Tetrachloroethene	ND	ug/kg	5.0				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	25.				
1,2-Dichloroethane	ND	ug/kg	5.0				
1,1,1-Trichloroethane	ND	ug/kg	5.0				
Bromodichloromethane	ND	ug/kg	5.0				
trans-1,3-Dichloropropene	ND	ug/kg	5.0				
cis-1,3-Dichloropropene	ND	ug/kg	5.0				
1,1-Dichloropropene	ND	ug/kg	25.				
Bromoform	ND	ug/kg	5.0				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0				
Benzene	ND	ug/kg	5.0				
Toluene	ND	ug/kg	7.6				
Ethylbenzene	ND	ug/kg	5.0				
Chloromethane	ND	ug/kg	50.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.6				
trans-1,2-Dichloroethene	ND	ug/kg	7.6				
Trichloroethene	ND	ug/kg	5.0				
1,2-Dichlorobenzene	ND	ug/kg	25.				
1,3-Dichlorobenzene	ND	ug/kg	25.				
1,4-Dichlorobenzene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-06
1R-02686

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Methyl tert butyl ether	ND	ug/kg	20.	1	8260B		15-Oct BT
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	5.0				
Dibromomethane	ND	ug/kg	50.				
1,4-Dichlorobutane	ND	ug/kg	50.				
Iodomethane	ND	ug/kg	50.				
1,2,3-Trichloropropane	ND	ug/kg	50.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	50.				
Acetone	ND	ug/kg	50.				
Carbon disulfide	ND	ug/kg	50.				
2-Butanone	ND	ug/kg	50.				
Vinyl acetate	ND	ug/kg	50.				
4-Methyl-2-pentanone	ND	ug/kg	50.				
2-Hexanone	ND	ug/kg	50.				
Ethyl methacrylate	ND	ug/kg	50.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	50.				
Bromo-chloromethane	ND	ug/kg	25.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	25.				
1,2-Dibromoethane	ND	ug/kg	25.				
1,3-Dichloropropane	ND	ug/kg	25.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	25.				
Bromobenzene	ND	ug/kg	25.				
n-Butylbenzene	ND	ug/kg	25.				
sec-Butylbenzene	ND	ug/kg	25.				
tert-Butylbenzene	ND	ug/kg	25.				
o-Chlorotoluene	ND	ug/kg	25.				
p-Chlorotoluene	ND	ug/kg	25.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	25.				
Hexachlorobutadiene	ND	ug/kg	25.				
Isopropylbenzene	ND	ug/kg	25.				
p-Isopropyltoluene	ND	ug/kg	25.				
Naphthalene	ND	ug/kg	25.				
n-Propylbenzene	ND	ug/kg	25.				
1,2,3-Trichlorobenzene	ND	ug/kg	25.				
1,2,4-Trichlorobenzene	ND	ug/kg	25.				
1,3,5-Trimethylbenzene	ND	ug/kg	25.				
1,2,4-Trimethylbenzene	ND	ug/kg	25.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	25.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	131.	%					
Toluene-d8	100.	%					
4-Bromofluorobenzene	111.	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-06
1R-02686

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B		15-Oct BT
Dibromofluoromethane	109.	%					
Volatile Organics by GC/MS 8260				1	8260B		12-Oct BT
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
Volatile Organics by GC/MS 8260				1	8260B		15-Oct BT
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270				1	8270C		11-Oct 13-Oct JA
Acenaphthene	ND	ug/kg	500				
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Benzo(e)pyrene	ND	ug/kg	500				
Biphenyl	ND	ug/kg	500				
Perylene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				
2-Methylnaphthalene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	86.0	%					
2-Fluorobiphenyl	89.0	%					
4-Terphenyl-d14	104.	%					
PCB/Pesticides				1	8082/8081		11-Oct 15-Oct PB
Delta-BHC	ND	ug/kg	20.0				
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-06
 1R-02686

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Endrin	ND	ug/kg	20.0	1	8082/8081	11-Oct	15-Oct PB
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	55.0	%					
Decachlorobiphenyl	47.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009122-07
1R-02688

Date Collected: 10-OCT-2000

Date Received : 11-OCT-2000

Date Reported : 17-OCT-00

Sample Matrix: SOIL

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	ND	mg/kg	40.	4	418.1	16-Oct	16-Oct TH
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	12-Oct	13-Oct RW
Arsenic, Total	2.8	mg/kg	0.40	1	6010B	12-Oct	13-Oct RW
Beryllium, Total	ND	mg/kg	0.20	1	6010B	12-Oct	13-Oct RW
Cadmium, Total	ND	mg/kg	0.50	1	6010B	12-Oct	14-Oct RW
Chromium, Total	4.3	mg/kg	2.0	1	6010B	12-Oct	14-Oct RW
Copper, Total	7.1	mg/kg	2.0	1	6010B	12-Oct	14-Oct RW
Lead, Total	ND	mg/kg	9.9	1	6010B	12-Oct	14-Oct RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	12-Oct	13-Oct DY
Nickel, Total	5.2	mg/kg	0.99	1	6010B	12-Oct	13-Oct RW
Selenium, Total	ND	mg/kg	0.80	1	6010B	12-Oct	13-Oct RW
Silver, Total	ND	mg/kg	0.40	1	6010B	12-Oct	13-Oct RW
Thallium, Total	ND	mg/kg	0.80	1	6010B	12-Oct	13-Oct RW
Zinc, Total	20.	mg/kg	9.9	1	6010B	12-Oct	14-Oct RW
Volatile Organics by GC/MS 8260				1	8260B		12-Oct BT
Methylene chloride	ND	ug/kg	25.				
1,1-Dichloroethane	ND	ug/kg	7.5				
Chloroform	ND	ug/kg	7.5				
Carbon tetrachloride	ND	ug/kg	5.0				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.0				
1,1,2-Trichloroethane	ND	ug/kg	7.5				
Tetrachloroethene	ND	ug/kg	5.0				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	25.				
1,2-Dichloroethane	ND	ug/kg	5.0				
1,1,1-Trichloroethane	ND	ug/kg	5.0				
Bromodichloromethane	ND	ug/kg	5.0				
trans-1,3-Dichloropropene	ND	ug/kg	5.0				
cis-1,3-Dichloropropene	ND	ug/kg	5.0				
1,1-Dichloropropene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-07
1R-02688

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B		12-Oct BT
Bromoform	ND	ug/kg	5.0				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0				
Benzene	ND	ug/kg	5.0				
Toluene	ND	ug/kg	7.5				
Ethylbenzene	ND	ug/kg	5.0				
Chloromethane	ND	ug/kg	50.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.5				
trans-1,2-Dichloroethene	ND	ug/kg	7.5				
Trichloroethene	ND	ug/kg	5.0				
1,2-Dichlorobenzene	ND	ug/kg	25.				
1,3-Dichlorobenzene	ND	ug/kg	25.				
1,4-Dichlorobenzene	ND	ug/kg	25.				
Methyl tert butyl ether	ND	ug/kg	20.				
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	5.0				
Dibromomethane	ND	ug/kg	50.				
1,4-Dichlorobutane	ND	ug/kg	50.				
Iodomethane	ND	ug/kg	50.				
1,2,3-Trichloropropane	ND	ug/kg	50.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	50.				
Acetone	ND	ug/kg	50.				
Carbon disulfide	ND	ug/kg	50.				
2-Butanone	ND	ug/kg	50.				
Vinyl acetate	ND	ug/kg	50.				
4-Methyl-2-pentanone	ND	ug/kg	50.				
2-Hexanone	ND	ug/kg	50.				
Ethyl methacrylate	ND	ug/kg	50.				
Acrolein	ND	ug/kg	120				
Acrylonitrile	ND	ug/kg	50.				
Bromochloromethane	ND	ug/kg	25.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	25.				
1,2-Dibromoethane	ND	ug/kg	25.				
1,3-Dichloropropane	ND	ug/kg	25.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	25.				
Bromobenzene	ND	ug/kg	25.				
n-Butylbenzene	ND	ug/kg	25.				
sec-Butylbenzene	ND	ug/kg	25.				
tert-Butylbenzene	ND	ug/kg	25.				
o-Chlorotoluene	ND	ug/kg	25.				
p-Chlorotoluene	ND	ug/kg	25.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	25.				
Hexachlorobutadiene	ND	ug/kg	25.				
Isopropylbenzene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-07
1R-02688

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p-Isopropyltoluene	ND	ug/kg	25.	1	8260B		12-Oct BT
Naphthalene	ND	ug/kg	25.				
n-Propylbenzene	ND	ug/kg	25.				
1,2,3-Trichlorobenzene	ND	ug/kg	25.				
1,2,4-Trichlorobenzene	ND	ug/kg	25.				
1,3,5-Trimethylbenzene	ND	ug/kg	25.				
1,2,4-Trimethylbenzene	ND	ug/kg	25.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	25.				
Ethyl ether	ND	ug/kg	120				
Surrogate Recovery							
1,2-Dichloroethane-d4	124.	%					
Toluene-d8	101.	%					
4-Bromofluorobenzene	101.	%					
Dibromofluoromethane	106.	%					
Volatile Organics by GC/MS 8260							
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270							
Acenaphthene	ND	ug/kg	500	1	8270C		11-Oct 13-Oct JA
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Benzo(e)pyrene	ND	ug/kg	500				
Biphenyl	ND	ug/kg	500				
Perylene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				
2-Methylnaphthalene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	75.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-07
 1R-02688

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PNA's by GC/MS 8270 continued				1	8270C	11-Oct	13-Oct JA
2-Fluorobiphenyl	77.0	%					
4-Terphenyl-d14	87.0	%					
PCB/Pesticides				1	8082/8081	11-Oct	15-Oct PB
Delta-BHC	ND	ug/kg	20.0				
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				
Endrin	ND	ug/kg	20.0				
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	57.0	%					
Decachlorobiphenyl	55.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009122-08
1R-02689

Date Collected: 10-OCT-2000

Date Received : 11-OCT-2000

Date Reported : 17-OCT-00

Sample Matrix: SOIL

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	ND	mg/kg	40.	4	418.1	16-Oct	16-Oct TH
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	12-Oct	13-Oct RW
Arsenic, Total	7.1	mg/kg	0.40	1	6010B	12-Oct	13-Oct RW
Beryllium, Total	0.43	mg/kg	0.20	1	6010B	12-Oct	13-Oct RW
Cadmium, Total	ND	mg/kg	0.50	1	6010B	12-Oct	14-Oct RW
Chromium, Total	8.7	mg/kg	2.0	1	6010B	12-Oct	14-Oct RW
Copper, Total	19.	mg/kg	2.0	1	6010B	12-Oct	14-Oct RW
Lead, Total	14.	mg/kg	9.9	1	6010B	12-Oct	14-Oct RW
Mercury, Total	ND	mg/kg	0.25	1	7471A	12-Oct	13-Oct DY
Nickel, Total	11.	mg/kg	0.99	1	6010B	12-Oct	13-Oct RW
Selenium, Total	ND	mg/kg	0.79	1	6010B	12-Oct	13-Oct RW
Silver, Total	ND	mg/kg	0.40	1	6010B	12-Oct	13-Oct RW
Thallium, Total	ND	mg/kg	0.79	1	6010B	12-Oct	13-Oct RW
Zinc, Total	46.	mg/kg	9.9	1	6010B	12-Oct	14-Oct RW
Volatile Organics by GC/MS 8260				1	8260B		12-Oct BT
Methylene chloride	ND	ug/kg	75.				
1,1-Dichloroethane	ND	ug/kg	7.6				
Chloroform	ND	ug/kg	7.6				
Carbon tetrachloride	ND	ug/kg	5.0				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.0				
1,1,2-Trichloroethane	ND	ug/kg	7.6				
Tetrachloroethene	ND	ug/kg	5.0				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	25.				
1,2-Dichloroethane	ND	ug/kg	5.0				
1,1,1-Trichloroethane	ND	ug/kg	5.0				
Bromodichloromethane	ND	ug/kg	5.0				
trans-1,3-Dichloropropene	ND	ug/kg	5.0				
cis-1,3-Dichloropropene	ND	ug/kg	5.0				
1,1-Dichloropropene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-08
 1R-02689

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Bromoform	ND	ug/kg	5.0		1	8260B	12-Oct BT
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0				
Benzene	ND	ug/kg	5.0				
Toluene	ND	ug/kg	7.6				
Ethylbenzene	ND	ug/kg	5.0				
Chloromethane	ND	ug/kg	50.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.6				
trans-1,2-Dichloroethene	ND	ug/kg	7.6				
Trichloroethene	ND	ug/kg	5.0				
1,2-Dichlorobenzene	ND	ug/kg	25.				
1,3-Dichlorobenzene	ND	ug/kg	25.				
1,4-Dichlorobenzene	ND	ug/kg	25.				
Methyl tert butyl ether	ND	ug/kg	20.				
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	5.0				
Dibromomethane	ND	ug/kg	50.				
1,4-Dichlorobutane	ND	ug/kg	50.				
Iodomethane	ND	ug/kg	50.				
1,2,3-Trichloropropane	ND	ug/kg	50.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	50.				
Acetone	ND	ug/kg	50.				
Carbon disulfide	ND	ug/kg	50.				
2-Butanone	ND	ug/kg	50.				
Vinyl acetate	ND	ug/kg	50.				
4-Methyl-2-pentanone	ND	ug/kg	50.				
2-Hexanone	ND	ug/kg	50.				
Ethyl methacrylate	ND	ug/kg	50.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	50.				
Bromochloromethane	ND	ug/kg	25.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	25.				
1,2-Dibromoethane	ND	ug/kg	25.				
1,3-Dichloropropane	ND	ug/kg	25.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	25.				
Bromobenzene	ND	ug/kg	25.				
n-Butylbenzene	ND	ug/kg	25.				
sec-Butylbenzene	ND	ug/kg	25.				
tert-Butylbenzene	ND	ug/kg	25.				
o-Chlorotoluene	ND	ug/kg	25.				
p-Chlorotoluene	ND	ug/kg	25.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	25.				
Hexachlorobutadiene	ND	ug/kg	25.				
Isopropylbenzene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-08
1R-02689

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p-Isopropyltoluene	ND	ug/kg	25.	1	8260B		12-Oct BT
Naphthalene	ND	ug/kg	25.				
n-Propylbenzene	ND	ug/kg	25.				
1,2,3-Trichlorobenzene	ND	ug/kg	25.				
1,2,4-Trichlorobenzene	ND	ug/kg	25.				
1,3,5-Trimethylbenzene	ND	ug/kg	25.				
1,2,4-Trimethylbenzene	ND	ug/kg	25.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	25.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	125.	%					
Toluene-d8	98.0	%					
4-Bromofluorobenzene	96.0	%					
Dibromofluoromethane	106.	%					
Volatile Organics by GC/MS 8260							
Methylene chloride	ND	ug/kg	26.	1	8260B		15-Oct BT
1,1-Dichloroethane	ND	ug/kg	7.8				
Chloroform	ND	ug/kg	7.8				
Carbon tetrachloride	ND	ug/kg	5.2				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.2				
1,1,2-Trichloroethane	ND	ug/kg	7.8				
Tetrachloroethene	ND	ug/kg	5.2				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.2				
1,1,1-Trichloroethane	ND	ug/kg	5.2				
Bromodichloromethane	ND	ug/kg	5.2				
trans-1,3-Dichloropropene	ND	ug/kg	5.2				
cis-1,3-Dichloropropene	ND	ug/kg	5.2				
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	5.2				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2				
Benzene	ND	ug/kg	5.2				
Toluene	ND	ug/kg	7.8				
Ethylbenzene	ND	ug/kg	5.2				
Chloromethane	ND	ug/kg	52.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.8				
trans-1,2-Dichloroethene	ND	ug/kg	7.8				
Trichloroethene	ND	ug/kg	5.2				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-08
1R-02689

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Methyl tert butyl ether	ND	ug/kg	21.	1	8260B		15-Oct BT
p/m-Xylene	ND	ug/kg	5.2				
o-Xylene	ND	ug/kg	5.2				
cis-1,2-Dichloroethene	ND	ug/kg	5.2				
Dibromomethane	ND	ug/kg	52.				
1,4-Dichlorobutane	ND	ug/kg	52.				
Iodomethane	ND	ug/kg	52.				
1,2,3-Trichloropropane	ND	ug/kg	52.				
Styrene	ND	ug/kg	5.2				
Dichlorodifluoromethane	ND	ug/kg	52.				
Acetone	ND	ug/kg	52.				
Carbon disulfide	ND	ug/kg	52.				
2-Butanone	ND	ug/kg	52.				
Vinyl acetate	ND	ug/kg	52.				
4-Methyl-2-pentanone	ND	ug/kg	52.				
2-Hexanone	ND	ug/kg	52.				
Ethyl methacrylate	ND	ug/kg	52.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	52.				
Bromo-chloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	130.	%					
Toluene-d8	101.	%					
4-Bromofluorobenzene	110.	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-08
1R-02689

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	15-Oct	BT
Dibromofluoromethane	109.	%					
Volatile Organics by GC/MS 8260				1	8260B	12-Oct	BT
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
Volatile Organics by GC/MS 8260				1	8260B	15-Oct	BT
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270				1	8270C	11-Oct	JA
Acenaphthene	ND	ug/kg	500				
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Benzo(e)pyrene	ND	ug/kg	500				
Biphenyl	ND	ug/kg	500				
Perylene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				
2-Methylnaphthalene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	80.0	%					
2-Fluorobiphenyl	83.0	%					
4-Terphenyl-d14	103.	%					
PCB/Pesticides				1	8082/8081	11-Oct	PB
Delta-BHC	ND	ug/kg	20.0				
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-08
 1R-02689

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Endrin	ND	ug/kg	20.0	1	8082/8081	11-Oct	15-Oct PB
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	44.0	%					
Decachlorobiphenyl	33.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009122-09 Date Collected: 10-OCT-2000
1R-02690 Date Received : 11-OCT-2000
Sample Matrix: SOIL Date Reported : 17-OCT-00

Condition of Sample: Satisfactory Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

Comments:
Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES		ID
						PREP	ANALYSIS	
Hydrocarbons, Total (IR)	160	mg/kg	40.	4	418.1			16-Oct 16-Oct TH
Total Metals				1	3051			
Antimony, Total	ND	mg/kg	2.0	1	6010B	12-Oct	13-Oct RW	
Arsenic, Total	2.8	mg/kg	0.40	1	6010B	12-Oct	13-Oct RW	
Beryllium, Total	ND	mg/kg	0.20	1	6010B	12-Oct	13-Oct RW	
Cadmium, Total	ND	mg/kg	0.49	1	6010B	12-Oct	14-Oct RW	
Chromium, Total	3.9	mg/kg	2.0	1	6010B	12-Oct	14-Oct RW	
Copper, Total	8.8	mg/kg	2.0	1	6010B	12-Oct	14-Oct RW	
Lead, Total	ND	mg/kg	9.9	1	6010B	12-Oct	14-Oct RW	
Mercury, Total	ND	mg/kg	0.25	1	7471A	12-Oct	13-Oct DY	
Nickel, Total	4.9	mg/kg	0.99	1	6010B	12-Oct	13-Oct RW	
Selenium, Total	ND	mg/kg	0.79	1	6010B	12-Oct	13-Oct RW	
Silver, Total	ND	mg/kg	0.40	1	6010B	12-Oct	13-Oct RW	
Thallium, Total	ND	mg/kg	0.79	1	6010B	12-Oct	13-Oct RW	
Zinc, Total	22.	mg/kg	9.9	1	6010B	12-Oct	14-Oct RW	
Volatile Organics by GC/MS 8260				1	8260B			12-Oct BT
Methylene chloride	ND	ug/kg	52.					
1,1-Dichloroethane	ND	ug/kg	7.7					
Chloroform	ND	ug/kg	7.7					
Carbon tetrachloride	ND	ug/kg	5.2					
1,2-Dichloropropane	ND	ug/kg	18.					
Dibromochloromethane	ND	ug/kg	5.2					
1,1,2-Trichloroethane	ND	ug/kg	7.7					
Tetrachloroethene	ND	ug/kg	5.2					
Chlorobenzene	ND	ug/kg	18.					
Trichlorofluoromethane	ND	ug/kg	26.					
1,2-Dichloroethane	ND	ug/kg	5.2					
1,1,1-Trichloroethane	ND	ug/kg	5.2					
Bromodichloromethane	ND	ug/kg	5.2					
trans-1,3-Dichloropropene	ND	ug/kg	5.2					
cis-1,3-Dichloropropene	ND	ug/kg	5.2					
1,1-Dichloropropene	ND	ug/kg	26.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-09
 1R-02690

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Bromoform	ND	ug/kg	5.2			1	8260B
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2				12-Oct BT
Benzene	ND	ug/kg	5.2				
Toluene	ND	ug/kg	7.7				
Ethylbenzene	ND	ug/kg	5.2				
Chloromethane	ND	ug/kg	52.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.7				
trans-1,2-Dichloroethene	ND	ug/kg	7.7				
Trichloroethene	ND	ug/kg	5.2				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				
Methyl tert butyl ether	ND	ug/kg	21.				
p/m-Xylene	ND	ug/kg	5.2				
o-Xylene	ND	ug/kg	5.2				
cis-1,2-Dichloroethene	ND	ug/kg	5.2				
Dibromomethane	ND	ug/kg	52.				
1,4-Dichlorobutane	ND	ug/kg	52.				
Iodomethane	ND	ug/kg	52.				
1,2,3-Trichloropropane	ND	ug/kg	52.				
Styrene	ND	ug/kg	5.2				
Dichlorodifluoromethane	ND	ug/kg	52.				
Acetone	ND	ug/kg	52.				
Carbon disulfide	ND	ug/kg	52.				
2-Butanone	ND	ug/kg	52.				
Vinyl acetate	ND	ug/kg	52.				
4-Methyl-2-pentanone	ND	ug/kg	52.				
2-Hexanone	ND	ug/kg	52.				
Ethyl methacrylate	ND	ug/kg	52.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	52.				
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-09
1R-02690

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p-Isopropyltoluene	ND	ug/kg	26.	1	8260B		12-Oct BT
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	124.	%					
Toluene-d8	100.	%					
4-Bromofluorobenzene	105.	%					
Dibromofluoromethane	104.	%					
Volatile Organics by GC/MS 8260							
Methylene chloride	ND	ug/kg	26.	1	8260B		14-Oct BT
1,1-Dichloroethane	ND	ug/kg	7.6				
Chloroform	ND	ug/kg	7.6				
Carbon tetrachloride	ND	ug/kg	5.1				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.1				
1,1,2-Trichloroethane	ND	ug/kg	7.6				
Tetrachloroethene	ND	ug/kg	5.1				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.1				
1,1,1-Trichloroethane	ND	ug/kg	5.1				
Bromodichloromethane	ND	ug/kg	5.1				
trans-1,3-Dichloropropene	ND	ug/kg	5.1				
cis-1,3-Dichloropropene	ND	ug/kg	5.1				
1,1-Dichloropropene	ND	ug/kg	26.				
Bromoform	ND	ug/kg	5.1				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1				
Benzene	ND	ug/kg	5.1				
Toluene	ND	ug/kg	7.6				
Ethylbenzene	ND	ug/kg	5.1				
Chloromethane	ND	ug/kg	51.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.6				
trans-1,2-Dichloroethene	ND	ug/kg	7.6				
Trichloroethene	ND	ug/kg	5.1				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-09
 1R-02690

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B		14-Oct BT
Methyl tert butyl ether	ND	ug/kg	20.				
p/m-Xylene	ND	ug/kg	5.1				
o-Xylene	ND	ug/kg	5.1				
cis-1,2-Dichloroethene	ND	ug/kg	5.1				
Dibromomethane	ND	ug/kg	51.				
1,4-Dichlorobutane	ND	ug/kg	51.				
Iodomethane	ND	ug/kg	51.				
1,2,3-Trichloropropane	ND	ug/kg	51.				
Styrene	ND	ug/kg	5.1				
Dichlorodifluoromethane	ND	ug/kg	51.				
Acetone	ND	ug/kg	51.				
Carbon disulfide	ND	ug/kg	51.				
2-Butanone	ND	ug/kg	51.				
Vinyl acetate	ND	ug/kg	51.				
4-Methyl-2-pentanone	ND	ug/kg	51.				
2-Hexanone	ND	ug/kg	51.				
Ethyl methacrylate	ND	ug/kg	51.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	51.				
Bromo-chloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				
p-Isopropyltoluene	ND	ug/kg	26.				
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	117.	%					
Toluene-d8	97.0	%					
4-Bromofluorobenzene	107.	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-09
 1R-02690

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B		14-Oct BT
Dibromofluoromethane	103.	%					
Volatile Organics by GC/MS 8260				1	8260B		12-Oct BT
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
Volatile Organics by GC/MS 8260				1	8260B		14-Oct BT
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270				1	8270C		11-Oct 13-Oct JA
Acenaphthene	ND	ug/kg	500				
2-Chloronaphthalene	ND	ug/kg	500				
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Benzo(e)pyrene	ND	ug/kg	500				
Biphenyl	ND	ug/kg	500				
Perylene	ND	ug/kg	500				
1-Methylnaphthalene	ND	ug/kg	500				
2-Methylnaphthalene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	71.0	%					
2-Fluorobiphenyl	74.0	%					
4-Terphenyl-d14	92.0	%					
PCB/Pesticides				1	8082/8081		11-Oct 15-Oct PB
Delta-BHC	ND	ug/kg	20.0				
Lindane	ND	ug/kg	20.0				
Alpha-BHC	ND	ug/kg	20.0				
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-09
 1R-02690

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Endrin	ND	ug/kg	20.0	1	8082/8081	11-Oct	15-Oct PB
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	54.0	%					
Decachlorobiphenyl	48.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009122-10

Date Collected: 02-OCT-2000

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Date Received : 11-OCT-2000

Sample Matrix:

WATER

Date Reported : 17-OCT-00

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS 8260				1	8260B	12-Oct BT	
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
Tetrachloroethene	ND	ug/l	1.0				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.0				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.0				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	5.0				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Bromomethane	ND	ug/l	2.0				
Vinyl chloride	ND	ug/l	2.0				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	5.0				
1,3-Dichlorobenzene	ND	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	5.0				
Methyl tert butyl ether	ND	ug/l	4.0				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				
Iodomethane	ND	ug/l	10.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009122-10
TRIP BLANK

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
1,2,3-Trichloropropane	ND	ug/l	10.	1	8260B		12-Oct BT
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	10.				
Vinyl acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Ethyl methacrylate	ND	ug/l	10.				
Acrolein	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	5.0				
Tetrahydrofuran	ND	ug/l	20.				
2,2-Dichloropropane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	5.0				
1,3-Dichloropropane	ND	ug/l	5.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0				
Bromobenzene	ND	ug/l	5.0				
n-Butylbenzene	ND	ug/l	5.0				
sec-Butylbenzene	ND	ug/l	5.0				
tert-Butylbenzene	ND	ug/l	5.0				
o-Chlorotoluene	ND	ug/l	5.0				
p-Chlorotoluene	ND	ug/l	5.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0				
Hexachlorobutadiene	ND	ug/l	5.0				
Isopropylbenzene	ND	ug/l	5.0				
p-Isopropyltoluene	ND	ug/l	5.0				
Naphthalene	ND	ug/l	5.0				
n-Propylbenzene	ND	ug/l	5.0				
1,2,3-Trichlorobenzene	ND	ug/l	5.0				
1,2,4-Trichlorobenzene	ND	ug/l	5.0				
1,3,5-Trimethylbenzene	ND	ug/l	5.0				
1,2,4-Trimethylbenzene	ND	ug/l	5.0				
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0				
Ethyl ether	ND	ug/l	25.				
Surrogate Recovery							
1,2-Dichloroethane-d4	100.	%					
Toluene-d8	107.	%					
4-Bromofluorobenzene	107.	%					
Dibromofluoromethane	100.	%					
Volatile Organics by GC/MS 8260							
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/l		1	8260B		12-Oct BT

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009238-01
IR-02698

Date Collected: 09-OCT-2000

Date Received : 13-OCT-2000

Date Reported : 20-OCT-00

Sample Matrix: WATER

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 8-Amber,1-Plastic

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	5.5	mg/l	1.0	4	418.1	19-Oct	19-Oct TH
Total Metals				3	200.7		
Antimony, Total	ND	mg/l	0.05	3	200.7	16-Oct	18-Oct MG
Arsenic, Total	ND	mg/l	0.005	3	200.7	16-Oct	18-Oct MG
Beryllium, Total	ND	mg/l	0.005	3	200.7	16-Oct	18-Oct MG
Cadmium, Total	ND	mg/l	0.005	3	200.7	16-Oct	18-Oct MG
Chromium, Total	ND	mg/l	0.01	3	200.7	16-Oct	18-Oct MG
Copper, Total	ND	mg/l	0.010	3	200.7	16-Oct	18-Oct MG
Lead, Total	ND	mg/l	0.010	3	200.7	16-Oct	18-Oct MG
Mercury, Total	ND	mg/l	0.0005	4	245.2	16-Oct	17-Oct DY
Nickel, Total	ND	mg/l	0.025	3	200.7	16-Oct	18-Oct MG
Selenium, Total	ND	mg/l	0.005	3	200.7	16-Oct	18-Oct MG
Silver, Total	ND	mg/l	0.01	3	200.7	16-Oct	18-Oct MG
Thallium, Total	ND	mg/l	0.005	3	200.7	16-Oct	18-Oct MG
Zinc, Total	ND	mg/l	0.05	3	200.7	16-Oct	18-Oct MG
Chlorinated Herbicides by GC 8150				1	8151A	13-Oct	17-Oct PB
MCPP	ND	ug/l	280				
MCPA	ND	ug/l	280				
Dalapon	ND	ug/l	11.				
Dicamba	ND	ug/l	0.556				
Dichloroprop	ND	ug/l	5.6				
2,4-D	ND	ug/l	5.6				
2,4-DB	ND	ug/l	5.6				
2,4,5-T	ND	ug/l	0.556				
2,4,5-TP (Silvex)	ND	ug/l	0.556				
Dinoseb	ND	ug/l	2.8				
Surrogate Recovery							
DCAA	65.0	%					
PNA's by GC/MS 8270				1	8270C	17-Oct	17-Oct MK
Acenaphthene	ND	ug/l	5.5				
Fluoranthene	ND	ug/l	5.5				
Naphthalene	ND	ug/l	5.5				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009238-01
IR-02698

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PNA's by GC/MS 8270 continued							
Benzo(a)anthracene	ND	ug/l	5.5	1	8270C	17-Oct	17-Oct MK
Benzo(a)pyrene	ND	ug/l	5.5				
Benzo(b)fluoranthene	ND	ug/l	5.5				
Benzo(k)fluoranthene	ND	ug/l	5.5				
Chrysene	ND	ug/l	5.5				
Acenaphthylene	ND	ug/l	5.5				
Anthracene	ND	ug/l	5.5				
Benzo(ghi)perylene	ND	ug/l	5.5				
Fluorene	ND	ug/l	5.5				
Phenanthrene	ND	ug/l	5.5				
Dibenzo(a,h)anthracene	ND	ug/l	5.5				
Indeno(1,2,3-cd)pyrene	ND	ug/l	5.5				
Pyrene	ND	ug/l	5.5				
Surrogate Recovery							
Nitrobenzene-d5	79.0	%					
2-Fluorobiphenyl	92.0	%					
4-Terphenyl-d14	96.0	%					
PCB/Pesticides							
Delta-BHC	ND	ug/l	0.087	1	8082/8081	19-Oct	19-Oct PB
Lindane	ND	ug/l	0.087				
Alpha-BHC	ND	ug/l	0.087				
Beta-BHC	ND	ug/l	0.087				
Heptachlor	ND	ug/l	0.087				
Aldrin	ND	ug/l	0.087				
Heptachlor epoxide	ND	ug/l	0.087				
Endrin	ND	ug/l	0.174				
Endrin aldehyde	ND	ug/l	0.174				
Endrin ketone	ND	ug/l	0.174				
Dieldrin	ND	ug/l	0.174				
4,4'-DDE	ND	ug/l	0.174				
4,4'-DDD	ND	ug/l	0.174				
4,4'-DDT	ND	ug/l	0.174				
Endosulfan I	ND	ug/l	0.087				
Endosulfan II	ND	ug/l	0.174				
Endosulfan sulfate	ND	ug/l	0.174				
Methoxychlor	ND	ug/l	0.870				
Toxaphene	ND	ug/l	0.870				
Chlordane	ND	ug/l	0.870				
cis-Chlordane	ND	ug/l	0.087				
trans-Chlordane	ND	ug/l	0.087				
Aroclor 1221	ND	ug/l	2.17				
Aroclor 1232	ND	ug/l	2.17				
Aroclor 1242/1016	ND	ug/l	2.17				
Aroclor 1248	ND	ug/l	2.17				
Aroclor 1254	ND	ug/l	2.17				
Aroclor 1260	ND	ug/l	2.17				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009238-01
IR-02698

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued Surrogate Recovery				1	8082/8081	19-Oct	19-Oct PB
2,4,5,6-Tetrachloro-m-xylene	70.0	%					
Decachlorobiphenyl	40.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009238-02 Date Collected: 11-OCT-2000
IR-02692 Date Received : 13-OCT-2000

Sample Matrix: SOIL Date Reported : 20-OCT-00

Condition of Sample: Satisfactory Field Prep: None

Number & Type of Containers: 2-Glass,1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	260	mg/kg	40.	4	418.1	19-Oct	19-Oct TH
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	16-Oct	18-Oct MG
Arsenic, Total	5.1	mg/kg	0.40	1	6010B	16-Oct	18-Oct MG
Beryllium, Total	0.30	mg/kg	0.20	1	6010B	16-Oct	18-Oct MG
Cadmium, Total	ND	mg/kg	0.40	1	6010B	16-Oct	18-Oct MG
Chromium, Total	6.7	mg/kg	2.0	1	6010B	16-Oct	18-Oct MG
Copper, Total	28.	mg/kg	0.40	1	6010B	16-Oct	18-Oct MG
Lead, Total	42.	mg/kg	2.0	1	6010B	16-Oct	18-Oct MG
Mercury, Total	ND	mg/kg	0.25	1	7471A	16-Oct	17-Oct DY
Nickel, Total	6.6	mg/kg	0.99	1	6010B	16-Oct	18-Oct MG
Selenium, Total	ND	mg/kg	0.79	1	6010B	16-Oct	18-Oct MG
Silver, Total	ND	mg/kg	0.40	1	6010B	16-Oct	18-Oct MG
Thallium, Total	ND	mg/kg	0.79	1	6010B	16-Oct	18-Oct MG
Zinc, Total	56.	mg/kg	2.0	1	6010B	16-Oct	18-Oct MG
Volatile Organics by GC/MS 8260				1	8260B		15-Oct BT
Methylene chloride	ND	ug/kg	25.				
1,1-Dichloroethane	ND	ug/kg	7.5				
Chloroform	ND	ug/kg	7.5				
Carbon tetrachloride	ND	ug/kg	5.0				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.0				
1,1,2-Trichloroethane	ND	ug/kg	7.5				
Tetrachloroethene	ND	ug/kg	5.0				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	25.				
1,2-Dichloroethane	ND	ug/kg	5.0				
1,1,1-Trichloroethane	ND	ug/kg	5.0				
Bromodichloromethane	ND	ug/kg	5.0				
trans-1,3-Dichloropropene	ND	ug/kg	5.0				
cis-1,3-Dichloropropene	ND	ug/kg	5.0				
1,1-Dichloropropene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009238-02
IR-02692

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP ANALYSIS	
Volatile Organics by GC/MS 8260 continued							
Bromoform	ND	ug/kg	5.0				
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0				
Benzene	ND	ug/kg	5.0				
Toluene	ND	ug/kg	7.5				
Ethylbenzene	ND	ug/kg	5.0				
Chloromethane	ND	ug/kg	50.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.5				
trans-1,2-Dichloroethene	ND	ug/kg	7.5				
Trichloroethene	ND	ug/kg	5.0				
1,2-Dichlorobenzene	ND	ug/kg	25.				
1,3-Dichlorobenzene	ND	ug/kg	25.				
1,4-Dichlorobenzene	ND	ug/kg	25.				
Methyl tert butyl ether	ND	ug/kg	20.				
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	5.0				
Dibromomethane	ND	ug/kg	50.				
1,4-Dichlorobutane	ND	ug/kg	50.				
Iodomethane	ND	ug/kg	50.				
1,2,3-Trichloropropane	ND	ug/kg	50.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	50.				
Acetone	ND	ug/kg	50.				
Carbon disulfide	ND	ug/kg	50.				
2-Butanone	ND	ug/kg	50.				
Vinyl acetate	ND	ug/kg	50.				
4-Methyl-2-pentanone	ND	ug/kg	50.				
2-Hexanone	ND	ug/kg	50.				
Ethyl methacrylate	ND	ug/kg	50.				
Acrolein	ND	ug/kg	120				
Acrylonitrile	ND	ug/kg	50.				
Bromochloromethane	ND	ug/kg	25.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	25.				
1,2-Dibromoethane	ND	ug/kg	25.				
1,3-Dichloropropane	ND	ug/kg	25.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	25.				
Bromobenzene	ND	ug/kg	25.				
n-Butylbenzene	ND	ug/kg	25.				
sec-Butylbenzene	ND	ug/kg	25.				
tert-Butylbenzene	ND	ug/kg	25.				
o-Chlorotoluene	ND	ug/kg	25.				
p-Chlorotoluene	ND	ug/kg	25.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	25.				
Hexachlorobutadiene	ND	ug/kg	25.				
Isopropylbenzene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009238-02
IR-02692

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p-Isopropyltoluene	ND	ug/kg	25.	1	8260B		15-Oct BT
Naphthalene	ND	ug/kg	25.				
n-Propylbenzene	ND	ug/kg	25.				
1,2,3-Trichlorobenzene	ND	ug/kg	25.				
1,2,4-Trichlorobenzene	ND	ug/kg	25.				
1,3,5-Trimethylbenzene	ND	ug/kg	25.				
1,2,4-Trimethylbenzene	ND	ug/kg	25.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	25.				
Ethyl ether	ND	ug/kg	120				
Surrogate Recovery							
1,2-Dichloroethane-d4	126.	%					
Toluene-d8	102.	%					
4-Bromofluorobenzene	117.	%					
Dibromofluoromethane	108.	%					
Volatile Organics by GC/MS 8260							
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270							
Acenaphthene	ND	ug/kg	1000	1	8270C		16-Oct 18-Oct MK
Fluoranthene	2600	ug/kg	1000				
Naphthalene	ND	ug/kg	1000				
Benzo(a)anthracene	3600	ug/kg	1000				
Benzo(a)pyrene	5900	ug/kg	1000				
Benzo(b)fluoranthene	3500	ug/kg	1000				
Benzo(k)fluoranthene	2500	ug/kg	1000				
Chrysene	5400	ug/kg	1000				
Acenaphthylene	ND	ug/kg	1000				
Anthracene	ND	ug/kg	1000				
Benzo(ghi)perylene	6000	ug/kg	1000				
Fluorene	ND	ug/kg	1000				
Phenanthrene	1200	ug/kg	1000				
Dibenzo(a,h)anthracene	1400	ug/kg	1000				
Indeno(1,2,3-cd)pyrene	2900	ug/kg	1000				
Pyrene	4600	ug/kg	1000				
Surrogate Recovery							
Nitrobenzene-d5	89.0	%					
2-Fluorobiphenyl	104.	%					
4-Terphenyl-d14	105.	%					
PCB/Pesticides							
Delta-BHC	ND	ug/kg	40.0	1	8082/8081		16-Oct 18-Oct PB
Lindane	ND	ug/kg	40.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009238-02
 IR-02692

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Alpha-BHC	ND	ug/kg	40.0	1	8082/8081	16-Oct	18-Oct PB
Beta-BHC	ND	ug/kg	40.0				
Heptachlor	ND	ug/kg	40.0				
Aldrin	ND	ug/kg	40.0				
Heptachlor epoxide	ND	ug/kg	40.0				
Endrin	ND	ug/kg	40.0				
Endrin aldehyde	ND	ug/kg	40.0				
Endrin ketone	ND	ug/kg	40.0				
Dieldrin	ND	ug/kg	40.0				
4,4'-DDE	ND	ug/kg	40.0				
4,4'-DDD	ND	ug/kg	40.0				
4,4'-DDT	ND	ug/kg	40.0				
Endosulfan I	ND	ug/kg	40.0				
Endosulfan II	ND	ug/kg	40.0				
Endosulfan sulfate	ND	ug/kg	40.0				
Methoxychlor	ND	ug/kg	40.0				
Toxaphene	ND	ug/kg	160.				
Chlordane	ND	ug/kg	160.				
cis-Chlordane	ND	ug/kg	40.0				
trans-Chlordane	ND	ug/kg	40.0				
Aroclor 1221	ND	ug/kg	400.				
Aroclor 1232	ND	ug/kg	400.				
Aroclor 1242/1016	ND	ug/kg	400.				
Aroclor 1248	ND	ug/kg	400.				
Aroclor 1254	ND	ug/kg	400.				
Aroclor 1260	ND	ug/kg	400.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	72.0	%					
Decachlorobiphenyl	52.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009238-03
IR-02693

Date Collected: 11-OCT-2000
Date Received : 13-OCT-2000

Sample Matrix: SOIL

Date Reported : 20-OCT-00

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP	ID ANALYSIS
Hydrocarbons, Total (IR)	ND	mg/kg	40.	4	418.1	19-Oct	19-Oct TH
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	16-Oct	18-Oct MG
Arsenic, Total	3.1	mg/kg	0.40	1	6010B	16-Oct	18-Oct MG
Beryllium, Total	0.29	mg/kg	0.20	1	6010B	16-Oct	18-Oct MG
Cadmium, Total	ND	mg/kg	0.40	1	6010B	16-Oct	18-Oct MG
Chromium, Total	7.6	mg/kg	2.0	1	6010B	16-Oct	18-Oct MG
Copper, Total	29.	mg/kg	0.40	1	6010B	16-Oct	18-Oct MG
Lead, Total	11.	mg/kg	2.0	1	6010B	16-Oct	18-Oct MG
Mercury, Total	ND	mg/kg	0.25	1	7471A	16-Oct	17-Oct DY
Nickel, Total	7.6	mg/kg	1.0	1	6010B	16-Oct	18-Oct MG
Selenium, Total	ND	mg/kg	0.80	1	6010B	16-Oct	18-Oct MG
Silver, Total	ND	mg/kg	0.40	1	6010B	16-Oct	18-Oct MG
Thallium, Total	ND	mg/kg	0.80	1	6010B	16-Oct	18-Oct MG
Zinc, Total	25.	mg/kg	2.0	1	6010B	16-Oct	18-Oct MG
Volatile Organics by GC/MS 8260				1	8260B		15-Oct BT
Methylene chloride	ND	ug/kg	25.				
1,1-Dichloroethane	ND	ug/kg	7.6				
Chloroform	ND	ug/kg	7.6				
Carbon tetrachloride	ND	ug/kg	5.0				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.0				
1,1,2-Trichloroethane	ND	ug/kg	7.6				
Tetrachloroethene	ND	ug/kg	5.0				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	25.				
1,2-Dichloroethane	ND	ug/kg	5.0				
1,1,1-Trichloroethane	ND	ug/kg	5.0				
Bromodichloromethane	ND	ug/kg	5.0				
trans-1,3-Dichloropropene	ND	ug/kg	5.0				
cis-1,3-Dichloropropene	ND	ug/kg	5.0				
1,1-Dichloropropene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009238-03
IR-02693

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP ANALYSIS	
Volatile Organics by GC/MS 8260 continued							
Bromoform	ND	ug/kg	5.0	1	8260B	15-Oct BT	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0				
Benzene	ND	ug/kg	5.0				
Toluene	ND	ug/kg	7.6				
Ethylbenzene	ND	ug/kg	5.0				
Chloromethane	ND	ug/kg	50.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.6				
trans-1,2-Dichloroethene	ND	ug/kg	7.6				
Trichloroethene	ND	ug/kg	5.0				
1,2-Dichlorobenzene	ND	ug/kg	25.				
1,3-Dichlorobenzene	ND	ug/kg	25.				
1,4-Dichlorobenzene	ND	ug/kg	25.				
Methyl tert butyl ether	ND	ug/kg	20.				
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	5.0				
Dibromomethane	ND	ug/kg	50.				
1,4-Dichlorobutane	ND	ug/kg	50.				
Iodomethane	ND	ug/kg	50.				
1,2,3-Trichloropropane	ND	ug/kg	50.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	50.				
Acetone	ND	ug/kg	50.				
Carbon disulfide	ND	ug/kg	50.				
2-Butanone	ND	ug/kg	50.				
Vinyl acetate	ND	ug/kg	50.				
4-Methyl-2-pentanone	ND	ug/kg	50.				
2-Hexanone	ND	ug/kg	50.				
Ethyl methacrylate	ND	ug/kg	50.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	50.				
Bromochloromethane	ND	ug/kg	25.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	25.				
1,2-Dibromoethane	ND	ug/kg	25.				
1,3-Dichloropropane	ND	ug/kg	25.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	25.				
Bromobenzene	ND	ug/kg	25.				
n-Butylbenzene	ND	ug/kg	25.				
sec-Butylbenzene	ND	ug/kg	25.				
tert-Butylbenzene	ND	ug/kg	25.				
o-Chlorotoluene	ND	ug/kg	25.				
p-Chlorotoluene	ND	ug/kg	25.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	25.				
Hexachlorobutadiene	ND	ug/kg	25.				
Isopropylbenzene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009238-03
IR-02693

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p-Isopropyltoluene	ND	ug/kg	25.	1	8260B		15-Oct BT
Naphthalene	ND	ug/kg	25.				
n-Propylbenzene	ND	ug/kg	25.				
1,2,3-Trichlorobenzene	ND	ug/kg	25.				
1,2,4-Trichlorobenzene	ND	ug/kg	25.				
1,3,5-Trimethylbenzene	ND	ug/kg	25.				
1,2,4-Trimethylbenzene	ND	ug/kg	25.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	25.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	126.	%					
Toluene-d8	100.	%					
4-Bromofluorobenzene	111.	%					
Dibromofluoromethane	108.	%					
Volatile Organics by GC/MS 8260 Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270							
Acenaphthene	ND	ug/kg	500	1	8270C		16-Oct 17-Oct MK
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	81.0	%					
2-Fluorobiphenyl	94.0	%					
4-Terphenyl-d14	104.	%					
PCB/Pesticides				1	8082/8081		16-Oct 18-Oct PB
Delta-BHC	ND	ug/kg	20.0				
Lindane	ND	ug/kg	20.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009238-03
 IR-02693

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Alpha-BHC	ND	ug/kg	20.0	1	8082/8081	16-Oct	18-Oct PB
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				
Endrin	ND	ug/kg	20.0				
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	62.0	%					
Decachlorobiphenyl	109.	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009238-04

IR-02695

Sample Matrix:

SOIL

Date Collected: 11-OCT-2000

Date Received : 13-OCT-2000

Date Reported : 20-OCT-00

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber, 1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	52.	mg/kg	40.	4	418.1	19-Oct	19-Oct TH
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	16-Oct	18-Oct MG
Arsenic, Total	3.2	mg/kg	0.40	1	6010B	16-Oct	18-Oct MG
Beryllium, Total	0.33	mg/kg	0.20	1	6010B	16-Oct	18-Oct MG
Cadmium, Total	ND	mg/kg	0.40	1	6010B	16-Oct	18-Oct MG
Chromium, Total	8.0	mg/kg	2.0	1	6010B	16-Oct	18-Oct MG
Copper, Total	37.	mg/kg	0.40	1	6010B	16-Oct	18-Oct MG
Lead, Total	17.	mg/kg	2.0	1	6010B	16-Oct	18-Oct MG
Mercury, Total	ND	mg/kg	0.25	1	7471A	16-Oct	17-Oct DY
Nickel, Total	7.1	mg/kg	1.0	1	6010B	16-Oct	18-Oct MG
Selenium, Total	ND	mg/kg	0.80	1	6010B	16-Oct	18-Oct MG
Silver, Total	ND	mg/kg	0.40	1	6010B	16-Oct	18-Oct MG
Thallium, Total	ND	mg/kg	0.80	1	6010B	16-Oct	18-Oct MG
Zinc, Total	48.	mg/kg	2.0	1	6010B	16-Oct	18-Oct MG
Volatile Organics by GC/MS 8260				1	8260B		15-Oct BT
Methylene chloride	ND	ug/kg	25.				
1,1-Dichloroethane	ND	ug/kg	7.6				
Chloroform	ND	ug/kg	7.6				
Carbon tetrachloride	ND	ug/kg	5.0				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.0				
1,1,2-Trichloroethane	ND	ug/kg	7.6				
Tetrachloroethene	ND	ug/kg	5.0				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	25.				
1,2-Dichloroethane	ND	ug/kg	5.0				
1,1,1-Trichloroethane	ND	ug/kg	5.0				
Bromodichloromethane	ND	ug/kg	5.0				
trans-1,3-Dichloropropene	ND	ug/kg	5.0				
cis-1,3-Dichloropropene	ND	ug/kg	5.0				
1,1-Dichloropropene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009238-04
 IR-02695

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Bromoform	ND	ug/kg	5.0	1	8260B		15-Oct BT
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0				
Benzene	ND	ug/kg	5.0				
Toluene	ND	ug/kg	7.6				
Ethylbenzene	ND	ug/kg	5.0				
Chloromethane	ND	ug/kg	50.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.6				
trans-1,2-Dichloroethene	ND	ug/kg	7.6				
Trichloroethene	ND	ug/kg	5.0				
1,2-Dichlorobenzene	ND	ug/kg	25.				
1,3-Dichlorobenzene	ND	ug/kg	25.				
1,4-Dichlorobenzene	ND	ug/kg	25.				
Methyl tert butyl ether	ND	ug/kg	20.				
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	5.0				
Dibromomethane	ND	ug/kg	50.				
1,4-Dichlorobutane	ND	ug/kg	50.				
Iodomethane	ND	ug/kg	50.				
1,2,3-Trichloropropane	ND	ug/kg	50.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	50.				
Acetone	ND	ug/kg	50.				
Carbon disulfide	ND	ug/kg	50.				
2-Butanone	ND	ug/kg	50.				
Vinyl acetate	ND	ug/kg	50.				
4-Methyl-2-pentanone	ND	ug/kg	50.				
2-Hexanone	ND	ug/kg	50.				
Ethyl methacrylate	ND	ug/kg	50.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	50.				
Bromochloromethane	ND	ug/kg	25.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropene	ND	ug/kg	25.				
1,2-Dibromoethane	ND	ug/kg	25.				
1,3-Dichloropropene	ND	ug/kg	25.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	25.				
Bromobenzene	ND	ug/kg	25.				
n-Butylbenzene	ND	ug/kg	25.				
sec-Butylbenzene	ND	ug/kg	25.				
tert-Butylbenzene	ND	ug/kg	25.				
o-Chlorotoluene	ND	ug/kg	25.				
p-Chlorotoluene	ND	ug/kg	25.				
1,2-Dibromo-3-chloropropene	ND	ug/kg	25.				
Hexachlorobutadiene	ND	ug/kg	25.				
Isopropylbenzene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009238-04
IR-02695

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p-Isopropyltoluene	ND	ug/kg	25.	1	8260B		15-Oct BT
Naphthalene	ND	ug/kg	25.				
n-Propylbenzene	ND	ug/kg	25.				
1,2,3-Trichlorobenzene	ND	ug/kg	25.				
1,2,4-Trichlorobenzene	ND	ug/kg	25.				
1,3,5-Trimethylbenzene	ND	ug/kg	25.				
1,2,4-Trimethylbenzene	ND	ug/kg	25.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	25.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	129.	%					
Toluene-d8	102.	%					
4-Bromofluorobenzene	118.	%					
Dibromofluoromethane	106.	%					
Volatile Organics by GC/MS 8260 Tentatively Identified Compounds							
Spiro[5.5]undeca-1,8-diene, 1,5,5,9-tet	29.	ug/kg		1	8260B		15-Oct BT
PNA's by GC/MS 8270							
Acenaphthene	ND	ug/kg	500	1	8270C		16-Oct 18-Oct MK
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	71.0	%					
2-Fluorobiphenyl	85.0	%					
4-Terphenyl-d14	97.0	%					
PCB/Pesticides							
Delta-BHC	ND	ug/kg	20.0	1	8082/8081		16-Oct 18-Oct PB
Lindane	ND	ug/kg	20.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009238-04
 IR-02695

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Alpha-BHC	ND	ug/kg	20.0	1	8082/8081	16-Oct	18-Oct PB
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				
Endrin	ND	ug/kg	20.0				
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	65.0	%					
Decachlorobiphenyl	69.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009238-05
IR-02696

Date Collected: 11-OCT-2000

Date Received : 13-OCT-2000

Date Reported : 20-OCT-00

Sample Matrix: SOIL

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	45.	mg/kg	40.	4	418.1	19-Oct	19-Oct TH
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	16-Oct	18-Oct MG
Arsenic, Total	2.6	mg/kg	0.40	1	6010B	16-Oct	18-Oct MG
Beryllium, Total	0.30	mg/kg	0.20	1	6010B	16-Oct	18-Oct MG
Cadmium, Total	ND	mg/kg	0.40	1	6010B	16-Oct	18-Oct MG
Chromium, Total	6.8	mg/kg	2.0	1	6010B	16-Oct	18-Oct MG
Copper, Total	25.	mg/kg	0.40	1	6010B	16-Oct	18-Oct MG
Lead, Total	21.	mg/kg	2.0	1	6010B	16-Oct	18-Oct MG
Mercury, Total	ND	mg/kg	0.25	1	7471A	16-Oct	17-Oct DY
Nickel, Total	6.3	mg/kg	0.99	1	6010B	16-Oct	18-Oct MG
Selenium, Total	ND	mg/kg	0.79	1	6010B	16-Oct	18-Oct MG
Silver, Total	ND	mg/kg	0.40	1	6010B	16-Oct	18-Oct MG
Thallium, Total	ND	mg/kg	0.79	1	6010B	16-Oct	18-Oct MG
Zinc, Total	38.	mg/kg	2.0	1	6010B	16-Oct	18-Oct MG
Volatile Organics by GC/MS 8260				1	8260B		15-Oct BT
Methylene chloride	ND	ug/kg	26.				
1,1-Dichloroethane	ND	ug/kg	7.8				
Chloroform	ND	ug/kg	7.8				
Carbon tetrachloride	ND	ug/kg	5.2				
1,2-Dichloropropane	ND	ug/kg	18.				
Dibromochloromethane	ND	ug/kg	5.2				
1,1,2-Trichloroethane	ND	ug/kg	7.8				
Tetrachloroethene	ND	ug/kg	5.2				
Chlorobenzene	ND	ug/kg	18.				
Trichlorofluoromethane	ND	ug/kg	26.				
1,2-Dichloroethane	ND	ug/kg	5.2				
1,1,1-Trichloroethane	ND	ug/kg	5.2				
Bromodichloromethane	ND	ug/kg	5.2				
trans-1,3-Dichloropropene	ND	ug/kg	5.2				
cis-1,3-Dichloropropene	ND	ug/kg	5.2				
1,1-Dichloropropene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009238-05
 IR-02696

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Bromoform	ND	ug/kg	5.2	1	8260B	15-Oct	BT
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2				
Benzene	ND	ug/kg	5.2				
Toluene	ND	ug/kg	7.8				
Ethylbenzene	ND	ug/kg	5.2				
Chloromethane	ND	ug/kg	52.				
Bromomethane	ND	ug/kg	10.				
Vinyl chloride	ND	ug/kg	10.				
Chloroethane	ND	ug/kg	10.				
1,1-Dichloroethene	ND	ug/kg	7.8				
trans-1,2-Dichloroethene	ND	ug/kg	7.8				
Trichloroethene	ND	ug/kg	5.2				
1,2-Dichlorobenzene	ND	ug/kg	26.				
1,3-Dichlorobenzene	ND	ug/kg	26.				
1,4-Dichlorobenzene	ND	ug/kg	26.				
Methyl tert butyl ether	ND	ug/kg	21.				
p/m-Xylene	ND	ug/kg	5.2				
o-Xylene	ND	ug/kg	5.2				
cis-1,2-Dichloroethene	ND	ug/kg	5.2				
Dibromomethane	ND	ug/kg	52.				
1,4-Dichlorobutane	ND	ug/kg	52.				
Iodomethane	ND	ug/kg	52.				
1,2,3-Trichloropropane	ND	ug/kg	52.				
Styrene	ND	ug/kg	5.2				
Dichlorodifluoromethane	ND	ug/kg	52.				
Acetone	ND	ug/kg	52.				
Carbon disulfide	ND	ug/kg	52.				
2-Butanone	ND	ug/kg	52.				
Vinyl acetate	ND	ug/kg	52.				
4-Methyl-2-pentanone	ND	ug/kg	52.				
2-Hexanone	ND	ug/kg	52.				
Ethyl methacrylate	ND	ug/kg	52.				
Acrolein	ND	ug/kg	130				
Acrylonitrile	ND	ug/kg	52.				
Bromochloromethane	ND	ug/kg	26.				
Tetrahydrofuran	ND	ug/kg	100				
2,2-Dichloropropane	ND	ug/kg	26.				
1,2-Dibromoethane	ND	ug/kg	26.				
1,3-Dichloropropane	ND	ug/kg	26.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	26.				
Bromobenzene	ND	ug/kg	26.				
n-Butylbenzene	ND	ug/kg	26.				
sec-Butylbenzene	ND	ug/kg	26.				
tert-Butylbenzene	ND	ug/kg	26.				
o-Chlorotoluene	ND	ug/kg	26.				
p-Chlorotoluene	ND	ug/kg	26.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	26.				
Hexachlorobutadiene	ND	ug/kg	26.				
Isopropylbenzene	ND	ug/kg	26.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009238-05
IR-02696

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP ANALYSIS	
Volatile Organics by GC/MS 8260 continued							
p-Isopropyltoluene	ND	ug/kg	26.	1	8260B		15-Oct BT
Naphthalene	ND	ug/kg	26.				
n-Propylbenzene	ND	ug/kg	26.				
1,2,3-Trichlorobenzene	ND	ug/kg	26.				
1,2,4-Trichlorobenzene	ND	ug/kg	26.				
1,3,5-Trimethylbenzene	ND	ug/kg	26.				
1,2,4-Trimethylbenzene	ND	ug/kg	26.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	26.				
Ethyl ether	ND	ug/kg	130				
Surrogate Recovery							
1,2-Dichloroethane-d4	130.	%					
Toluene-d8	102.	%					
4-Bromofluorobenzene	113.	%					
Dibromofluoromethane	108.	%					
Volatile Organics by GC/MS 8260							
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270							
Acenaphthene	ND	ug/kg	500	1	8270C		16-Oct 17-Oct MK
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrène	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	78.0	%					
2-Fluorobiphenyl	90.0	%					
4-Terphenyl-d14	96.0	%					
PCB/Pesticides							
Delta-BHC	ND	ug/kg	20.0	1	8082/8081		16-Oct 18-Oct PB
Lindane	ND	ug/kg	20.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009238-05
 IR-02696

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Alpha-BHC	ND	ug/kg	20.0	1	8082/8081	16-Oct	18-Oct PB
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				
Endrin	ND	ug/kg	20.0				
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	66.0	%					
Decachlorobiphenyl	68.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009238-06
IR-02697

Sample Matrix: SOIL

Date Collected: 11-OCT-2000

Date Received : 13-OCT-2000

Date Reported : 20-OCT-00

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Amber,1-Vial

Comments:

Results are reported on an 'AS RECEIVED' basis.

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	43.	mg/kg	40.	4	418.1	19-Oct	19-Oct TH
Total Metals				1	3051		
Antimony, Total	ND	mg/kg	2.0	1	6010B	16-Oct	18-Oct MG
Arsenic, Total	2.3	mg/kg	0.40	1	6010B	16-Oct	18-Oct MG
Beryllium, Total	0.31	mg/kg	0.20	1	6010B	16-Oct	18-Oct MG
Cadmium, Total	ND	mg/kg	0.40	1	6010B	16-Oct	18-Oct MG
Chromium, Total	7.9	mg/kg	2.0	1	6010B	16-Oct	18-Oct MG
Copper, Total	23.	mg/kg	0.40	1	6010B	16-Oct	18-Oct MG
Lead, Total	14.	mg/kg	2.0	1	6010B	16-Oct	18-Oct MG
Mercury, Total	ND	mg/kg	0.25	1	7471A	16-Oct	17-Oct DY
Nickel, Total	6.6	mg/kg	0.99	1	6010B	16-Oct	18-Oct MG
Selenium, Total	ND	mg/kg	0.79	1	6010B	16-Oct	18-Oct MG
Silver, Total	ND	mg/kg	0.40	1	6010B	16-Oct	18-Oct MG
Thallium, Total	ND	mg/kg	0.79	1	6010B	16-Oct	18-Oct MG
Zinc, Total	34.	mg/kg	2.0	1	6010B	16-Oct	18-Oct MG
Volatile Organics by GC/MS 8260				1	8260B		16-Oct BT
Methylene chloride	ND	ug/kg	25.				
1,1-Dichloroethane	ND	ug/kg	7.4				
Chloroform	ND	ug/kg	7.4				
Carbon tetrachloride	ND	ug/kg	5.0				
1,2-Dichloropropane	ND	ug/kg	17.				
Dibromochloromethane	ND	ug/kg	5.0				
1,1,2-Trichloroethane	ND	ug/kg	7.4				
Tetrachloroethene	ND	ug/kg	5.0				
Chlorobenzene	ND	ug/kg	17.				
Trichlorofluoromethane	ND	ug/kg	25.				
1,2-Dichloroethane	ND	ug/kg	5.0				
1,1,1-Trichloroethane	ND	ug/kg	5.0				
Bromodichloromethane	ND	ug/kg	5.0				
trans-1,3-Dichloropropene	ND	ug/kg	5.0				
cis-1,3-Dichloropropene	ND	ug/kg	5.0				
1,1-Dichloropropene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009238-06
IR-02697

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
Bromoform	ND	ug/kg	5.0	1	8260B		16-Oct BT
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0				
Benzene	ND	ug/kg	5.0				
Toluene	ND	ug/kg	7.4				
Ethylbenzene	ND	ug/kg	5.0				
Chloromethane	ND	ug/kg	50.				
Bromomethane	ND	ug/kg	9.9				
Vinyl chloride	ND	ug/kg	9.9				
Chloroethane	ND	ug/kg	9.9				
1,1-Dichloroethene	ND	ug/kg	7.4				
trans-1,2-Dichloroethene	ND	ug/kg	7.4				
Trichloroethene	ND	ug/kg	5.0				
1,2-Dichlorobenzene	ND	ug/kg	25.				
1,3-Dichlorobenzene	ND	ug/kg	25.				
1,4-Dichlorobenzene	ND	ug/kg	25.				
Methyl tert butyl ether	ND	ug/kg	20.				
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	5.0				
Dibromomethane	ND	ug/kg	50.				
1,4-Dichlorobutane	ND	ug/kg	50.				
Iodomethane	ND	ug/kg	50.				
1,2,3-Trichloropropane	ND	ug/kg	50.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	50.				
Acetone	ND	ug/kg	50.				
Carbon disulfide	ND	ug/kg	50.				
2-Butanone	ND	ug/kg	50.				
Vinyl acetate	ND	ug/kg	50.				
4-Methyl-2-pentanone	ND	ug/kg	50.				
2-Hexanone	ND	ug/kg	50.				
Ethyl methacrylate	ND	ug/kg	50.				
Acrolein	ND	ug/kg	120				
Acrylonitrile	ND	ug/kg	50.				
Bromochloromethane	ND	ug/kg	25.				
Tetrahydrofuran	ND	ug/kg	99.				
2,2-Dichloropropane	ND	ug/kg	25.				
1,2-Dibromoethane	ND	ug/kg	25.				
1,3-Dichloropropane	ND	ug/kg	25.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	25.				
Bromobenzene	ND	ug/kg	25.				
n-Butylbenzene	ND	ug/kg	25.				
sec-Butylbenzene	ND	ug/kg	25.				
tert-Butylbenzene	ND	ug/kg	25.				
o-Chlorotoluene	ND	ug/kg	25.				
p-Chlorotoluene	ND	ug/kg	25.				
1,2-Dibromo-3-chloropropane	ND	ug/kg	25.				
Hexachlorobutadiene	ND	ug/kg	25.				
Isopropylbenzene	ND	ug/kg	25.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009238-06
IR-02697

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
p-Isopropyltoluene	ND	ug/kg	25.	1	8260B		16-Oct BT
Naphthalene	ND	ug/kg	25.				
n-Propylbenzene	ND	ug/kg	25.				
1,2,3-Trichlorobenzene	ND	ug/kg	25.				
1,2,4-Trichlorobenzene	ND	ug/kg	25.				
1,3,5-Trimethylbenzene	ND	ug/kg	25.				
1,2,4-Trimethylbenzene	ND	ug/kg	25.				
trans-1,4-Dichloro-2-butene	ND	ug/kg	25.				
Ethyl ether	ND	ug/kg	120				
Surrogate Recovery							
1,2-Dichloroethane-d4	124.	%					
Toluene-d8	103.	%					
4-Bromofluorobenzene	106.	%					
Dibromofluoromethane	106.	%					
Volatile Organics by GC/MS 8260							
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/kg					
PNA's by GC/MS 8270							
Acenaphthene	ND	ug/kg	500	1	8270C		16-Oct 17-Oct MK
Fluoranthene	ND	ug/kg	500				
Naphthalene	ND	ug/kg	500				
Benzo(a)anthracene	ND	ug/kg	500				
Benzo(a)pyrene	ND	ug/kg	500				
Benzo(b)fluoranthene	ND	ug/kg	500				
Benzo(k)fluoranthene	ND	ug/kg	500				
Chrysene	ND	ug/kg	500				
Acenaphthylene	ND	ug/kg	500				
Anthracene	ND	ug/kg	500				
Benzo(ghi)perylene	ND	ug/kg	500				
Fluorene	ND	ug/kg	500				
Phenanthrene	ND	ug/kg	500				
Dibenzo(a,h)anthracene	ND	ug/kg	500				
Indeno(1,2,3-cd)pyrene	ND	ug/kg	500				
Pyrene	ND	ug/kg	500				
Surrogate Recovery							
Nitrobenzene-d5	70.0	%					
2-Fluorobiphenyl	83.0	%					
4-Terphenyl-d14	94.0	%					
PCB/Pesticides							
Delta-BHC	ND	ug/kg	20.0	1	8082/8081		16-Oct 18-Oct PB
Lindane	ND	ug/kg	20.0				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009238-06
 IR-02697

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
PCB/Pesticides continued							
Alpha-BHC	ND	ug/kg	20.0			1 8082/8081	16-Oct 18-Oct PB
Beta-BHC	ND	ug/kg	20.0				
Heptachlor	ND	ug/kg	20.0				
Aldrin	ND	ug/kg	20.0				
Heptachlor epoxide	ND	ug/kg	20.0				
Endrin	ND	ug/kg	20.0				
Endrin aldehyde	ND	ug/kg	20.0				
Endrin ketone	ND	ug/kg	20.0				
Dieldrin	ND	ug/kg	20.0				
4,4'-DDE	ND	ug/kg	20.0				
4,4'-DDD	ND	ug/kg	20.0				
4,4'-DDT	ND	ug/kg	20.0				
Endosulfan I	ND	ug/kg	20.0				
Endosulfan II	ND	ug/kg	20.0				
Endosulfan sulfate	ND	ug/kg	20.0				
Methoxychlor	ND	ug/kg	20.0				
Toxaphene	ND	ug/kg	80.0				
Chlordane	ND	ug/kg	80.0				
cis-Chlordane	ND	ug/kg	20.0				
trans-Chlordane	ND	ug/kg	20.0				
Aroclor 1221	ND	ug/kg	200.				
Aroclor 1232	ND	ug/kg	200.				
Aroclor 1242/1016	ND	ug/kg	200.				
Aroclor 1248	ND	ug/kg	200.				
Aroclor 1254	ND	ug/kg	200.				
Aroclor 1260	ND	ug/kg	200.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	62.0	%					
Decachlorobiphenyl	64.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009238-07
TRIP BLANK

Sample Matrix: WATER

Date Collected: 02-OCT-2000

Date Received : 13-OCT-2000

Date Reported : 20-OCT-00

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260							
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
Tetrachloroethene	ND	ug/l	1.0				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.0				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.0				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	5.0				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Bromomethane	ND	ug/l	2.0				
Vinyl chloride	ND	ug/l	2.0				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	5.0				
1,3-Dichlorobenzene	ND	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	5.0				
Methyl tert butyl ether	ND	ug/l	4.0				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				
Iodomethane	ND	ug/l	10.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009238-07
 TRIP BLANK

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
1,2,3-Trichloropropane	ND	ug/l	10.	1	8260B		16-Oct AM
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	10.				
Vinyl acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Ethyl methacrylate	ND	ug/l	10.				
Acrolein	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	5.0				
Tetrahydrofuran	ND	ug/l	20.				
2,2-Dichloropropane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	5.0				
1,3-Dichloropropane	ND	ug/l	5.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0				
Bromobenzene	ND	ug/l	5.0				
n-Butylbenzene	ND	ug/l	5.0				
sec-Butylbenzene	ND	ug/l	5.0				
tert-Butylbenzene	ND	ug/l	5.0				
o-Chlorotoluene	ND	ug/l	5.0				
p-Chlorotoluene	ND	ug/l	5.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0				
Hexachlorobutadiene	ND	ug/l	5.0				
Isopropylbenzene	ND	ug/l	5.0				
p-Isopropyltoluene	ND	ug/l	5.0				
Naphthalene	ND	ug/l	5.0				
n-Propylbenzene	ND	ug/l	5.0				
1,2,3-Trichlorobenzene	ND	ug/l	5.0				
1,2,4-Trichlorobenzene	ND	ug/l	5.0				
1,3,5-Trimethylbenzene	ND	ug/l	5.0				
1,2,4-Trimethylbenzene	ND	ug/l	5.0				
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0				
Ethyl ether	ND	ug/l	25.				
Surrogate Recovery							
1,2-Dichloroethane-d4	92.0	%					
Toluene-d8	94.0	%					
4-Bromofluorobenzene	90.0	%					
Dibromofluoromethane	92.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009371-04 Date Collected: 12-OCT-2000
 IR-02765 Date Received : 17-OCT-2000
 Sample Matrix: WATER Date Reported : 23-OCT-00
 Condition of Sample: Satisfactory Field Prep: None
 Number & Type of Containers: 6-Amber,1-Plastic

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Hydrocarbons, Total (IR)	5.3	mg/l	1.0	4	418.1	19-Oct	19-Oct TH
Total Metals				1	3015		
Antimony, Total	ND	mg/l	0.05	1	6010B	19-Oct	20-Oct MG
Arsenic, Total	ND	mg/l	0.005	1	6010B	19-Oct	20-Oct MG
Beryllium, Total	ND	mg/l	0.005	1	6010B	19-Oct	20-Oct MG
Cadmium, Total	ND	mg/l	0.005	1	6010B	19-Oct	20-Oct MG
Chromium, Total	ND	mg/l	0.01	1	6010B	19-Oct	20-Oct MG
Copper, Total	ND	mg/l	0.01	1	6010B	19-Oct	20-Oct MG
Lead, Total	ND	mg/l	0.01	1	6010B	19-Oct	20-Oct MG
Mercury, Total	ND	mg/l	0.0005	1	7470A	18-Oct	19-Oct DY
Nickel, Total	ND	mg/l	0.025	1	6010B	19-Oct	20-Oct MG
Selenium, Total	ND	mg/l	0.005	1	6010B	19-Oct	20-Oct MG
Silver, Total	ND	mg/l	0.010	1	6010B	19-Oct	20-Oct MG
Thallium, Total	ND	mg/l	0.005	1	6010B	19-Oct	20-Oct MG
Zinc, Total	ND	mg/l	0.05	1	6010B	19-Oct	20-Oct MG
PNA's by GC/MS 8270				1	8270C	18-Oct	19-Oct MK
Acenaphthene	ND	ug/l	5.4				
Fluoranthene	ND	ug/l	5.4				
Naphthalene	ND	ug/l	5.4				
Benzo(a)anthracene	ND	ug/l	5.4				
Benzo(a)pyrene	ND	ug/l	5.4				
Benzo(b)fluoranthene	ND	ug/l	5.4				
Benzo(k)fluoranthene	ND	ug/l	5.4				
Chrysene	ND	ug/l	5.4				
Acenaphthylene	ND	ug/l	5.4				
Anthracene	ND	ug/l	5.4				
Benzo(ghi)perylene	ND	ug/l	5.4				
Fluorene	ND	ug/l	5.4				
Phenanthrene	ND	ug/l	5.4				
Dibenzo(a,h)anthracene	ND	ug/l	5.4				
Indeno(1,2,3-cd)pyrene	ND	ug/l	5.4				
Pyrene	ND	ug/l	5.4				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0009371-04
IR-02765

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP ANALYSIS	
PNA's by GC/MS 8270 continued Surrogate Recovery				1	8270C	18-Oct 19-Oct	MK
Nitrobenzene-d5	70.0	%					
2-Fluorobiphenyl	87.0	%					
4-Terphenyl-d14	101.	%					
PCB/Pesticides				1	8082/8081	20-Oct	20-Oct PB
Delta-BHC	ND	ug/l	0.085				
Lindane	ND	ug/l	0.085				
Alpha-BHC	ND	ug/l	0.085				
Beta-BHC	ND	ug/l	0.085				
Heptachlor	ND	ug/l	0.085				
Aldrin	ND	ug/l	0.085				
Heptachlor epoxide	ND	ug/l	0.085				
Endrin	ND	ug/l	0.170				
Endrin aldehyde	ND	ug/l	0.170				
Endrin ketone	ND	ug/l	0.170				
Dieldrin	ND	ug/l	0.170				
4,4'-DDE	ND	ug/l	0.170				
4,4'-DDD	ND	ug/l	0.170				
4,4'-DDT	ND	ug/l	0.170				
Endosulfan I	ND	ug/l	0.085				
Endosulfan II	ND	ug/l	0.170				
Endosulfan sulfate	ND	ug/l	0.170				
Methoxychlor	ND	ug/l	0.851				
Toxaphene	ND	ug/l	0.851				
Chlordane	ND	ug/l	0.851				
cis-Chlordane	ND	ug/l	0.085				
trans-Chlordane	ND	ug/l	0.085				
Aroclor 1221	ND	ug/l	2.13				
Aroclor 1232	ND	ug/l	2.13				
Aroclor 1242/1016	ND	ug/l	2.13				
Aroclor 1248	ND	ug/l	2.13				
Aroclor 1254	ND	ug/l	2.13				
Aroclor 1260	ND	ug/l	2.13				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	67.0	%					
Decachlorobiphenyl	65.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0009371-05
 IR-02766

Date Collected: 11-OCT-2000
 Date Received : 17-OCT-2000

Date Reported : 23-OCT-00

Sample Matrix: WATER

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260							
Methylene chloride	ND	ug/l	5.0			1	8260B 18-Oct BT
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
Tetrachloroethene	ND	ug/l	1.0				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.0				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.0				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	5.0				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Bromomethane	ND	ug/l	2.0				
Vinyl chloride	ND	ug/l	2.0				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	5.0				
1,3-Dichlorobenzene	ND	ug/l	5.0				
1,4-Dichlorobenzene	ND	ug/l	5.0				
Methyl tert butyl ether	ND	ug/l	4.0				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				
Iodomethane	ND	ug/l	10.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

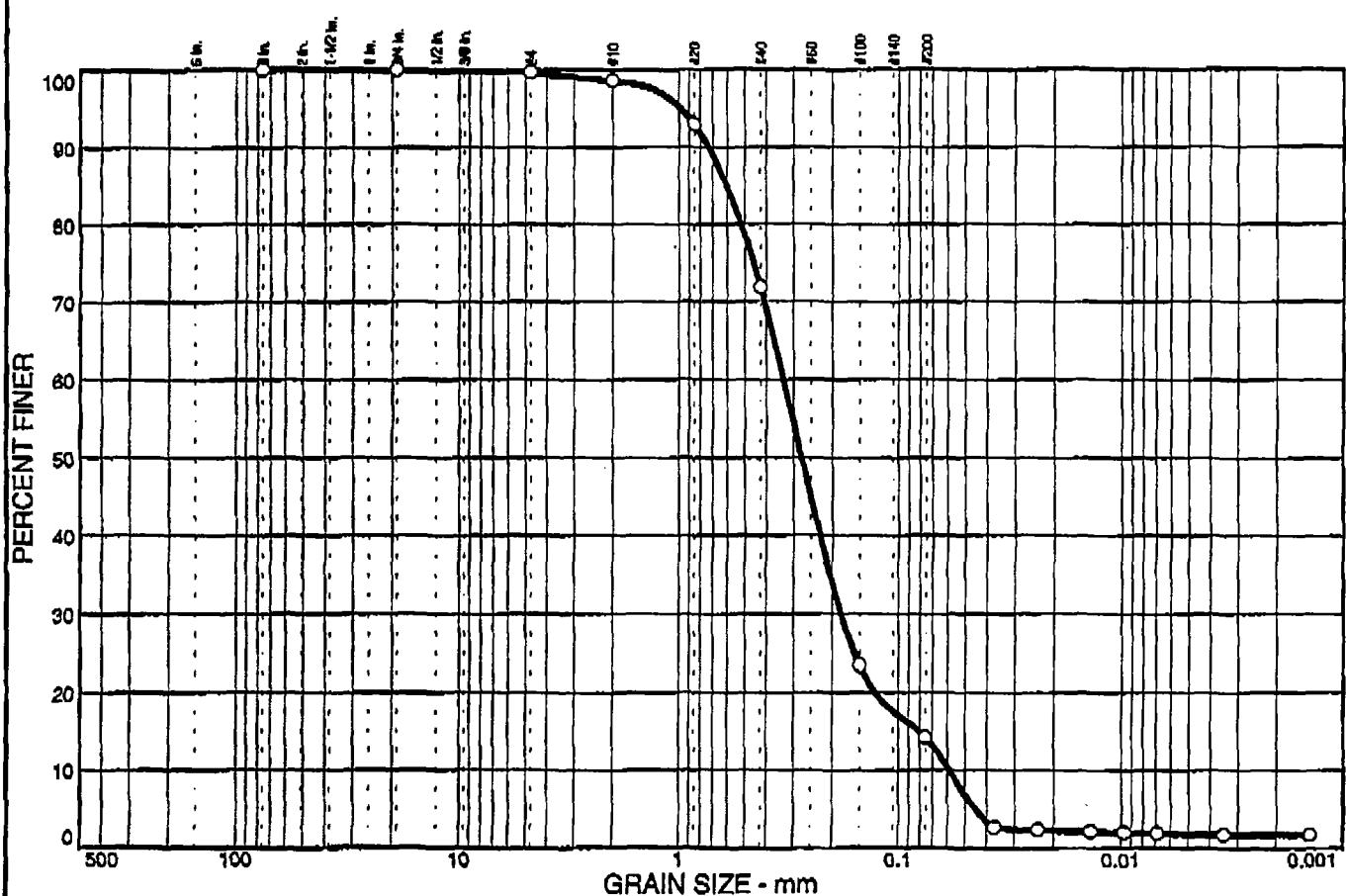
Laboratory Sample Number: L0009371-05
 IR-02766

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP	ANALYSIS
Volatile Organics by GC/MS 8260 continued							
1,2,3-Trichloropropane	ND	ug/l	10.	1	8260B		18-Oct BT
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	10.				
Vinyl acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Ethyl methacrylate	ND	ug/l	10.				
Acrolein	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromo-chloromethane	ND	ug/l	5.0				
Tetrahydrofuran	ND	ug/l	20.				
2,2-Dichloropropane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	5.0				
1,3-Dichloropropane	ND	ug/l	5.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0				
Bromobenzene	ND	ug/l	5.0				
n-Butylbenzene	ND	ug/l	5.0				
sec-Butylbenzene	ND	ug/l	5.0				
tert-Butylbenzene	ND	ug/l	5.0				
o-Chlorotoluene	ND	ug/l	5.0				
p-Chlorotoluene	ND	ug/l	5.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0				
Hexachlorobutadiene	ND	ug/l	5.0				
Isopropylbenzene	ND	ug/l	5.0				
p-Isopropyltoluene	ND	ug/l	5.0				
Naphthalene	ND	ug/l	5.0				
n-Propylbenzene	ND	ug/l	5.0				
1,2,3-Trichlorobenzene	ND	ug/l	5.0				
1,2,4-Trichlorobenzene	ND	ug/l	5.0				
1,3,5-Trimethylbenzene	ND	ug/l	5.0				
1,2,4-Trimethylbenzene	ND	ug/l	5.0				
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0				
Ethyl ether	ND	ug/l	25.				
Surrogate Recovery							
1,2-Dichloroethane-d4	112.	%					
Toluene-d8	108.	%					
4-Bromofluorobenzene	105.	%					
Dibromofluoromethane	107.	%					
Volatile Organics by GC/MS 8260							
Tentatively Identified Compounds							
NO TENTATIVELY IDENTIFIED							
COMPOUNDS	ND	ug/l		1	8260B		18-Oct BT

Comments: Complete list of References and Glossary of Terms found in Addendum I

Appendix E
CDM Laboratory Reports for Geotechnical Testing
(Raw Data)

PARTICLE SIZE DISTRIBUTION TEST REPORT



% COBBLES	% GRAVEL		% SAND		% FINE	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT
0.0	0.0	0.3	1.1	26.7	57.7	12.4
						1.8

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3	100.0		
3/4	100.0		
#4	99.7		
#10	98.6		
#20	93.0		
#40	71.9		
#100	23.5		
#200	14.2		

(no specification provided)

Sample No.: 1R-02044

Location: --

Source of Sample: --

Date: 10-2-00

Elev./Depth: 0.5FT

Soil Description

Silty sand

PL= NP

Atterberg Limits

LL= NP PI= NP

D₈₅= 0.604

Coefficients

D₆₀= 0.333D₅₀= 0.276D₃₀= 0.182D₁₀= 0.0586C_u= 5.69C_c= 1.69

USCS= SM

Classification

AASHTO= A-2-4(0)

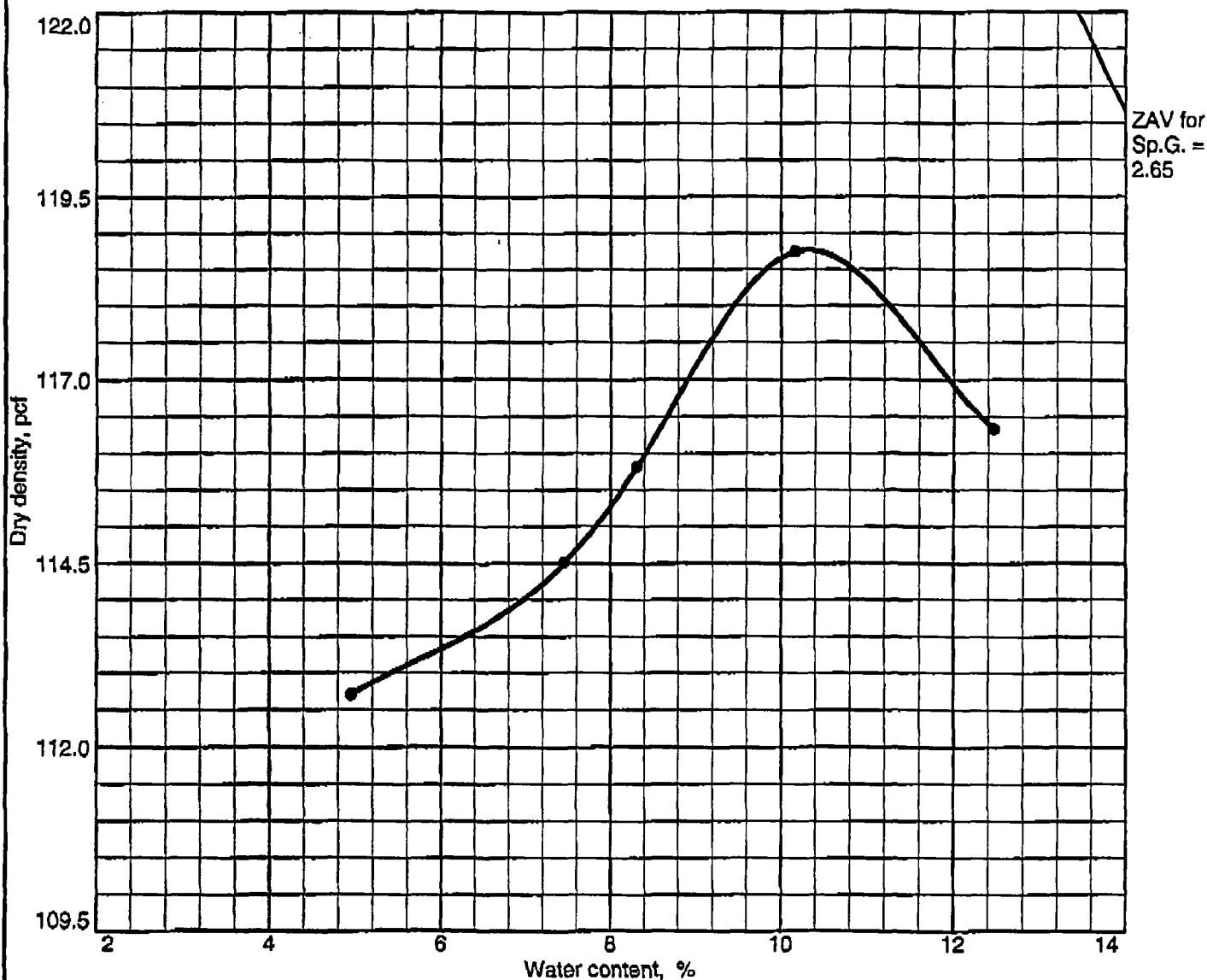
Remarks

As received moisture content = 1.3%

CDM Jessberger
Geotechnical Engineering Laboratory

Client: Volpe Center/CDM
Project: Libby Asbestos Project
Libby, MT
Project No: 4000-29258-006.002.FLD Plate

COMPACTION TEST REPORT



Test specification: ASTM D 1557-91 Procedure A Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > No.4	% < No.20
	USCS	AASHTO						
0.5FT	SM	--	---	2.65	---	--	0.3	14.2

TEST RESULTS		MATERIAL DESCRIPTION
Maximum dry density = 118.8 pcf		Silty sand
Optimum moisture = 10.3 %		
Project No. 4000-29258- Client: Volpe Center/CDM Project: Libby Asbestos Project Libby, MT Source: _____		Remarks: As received moisture content = 1.3% Moist preparation method Specific gravity = 2.65(assumed)
COMPACTION TEST REPORT CDM Jessberger Geotechnical Engineering Laboratory		Plate

CDM Jessberger
Geotechnical Engineering Laboratory

Liquid Limit, Plastic Limit and Plasticity Index of Soils (ASTM D4318)

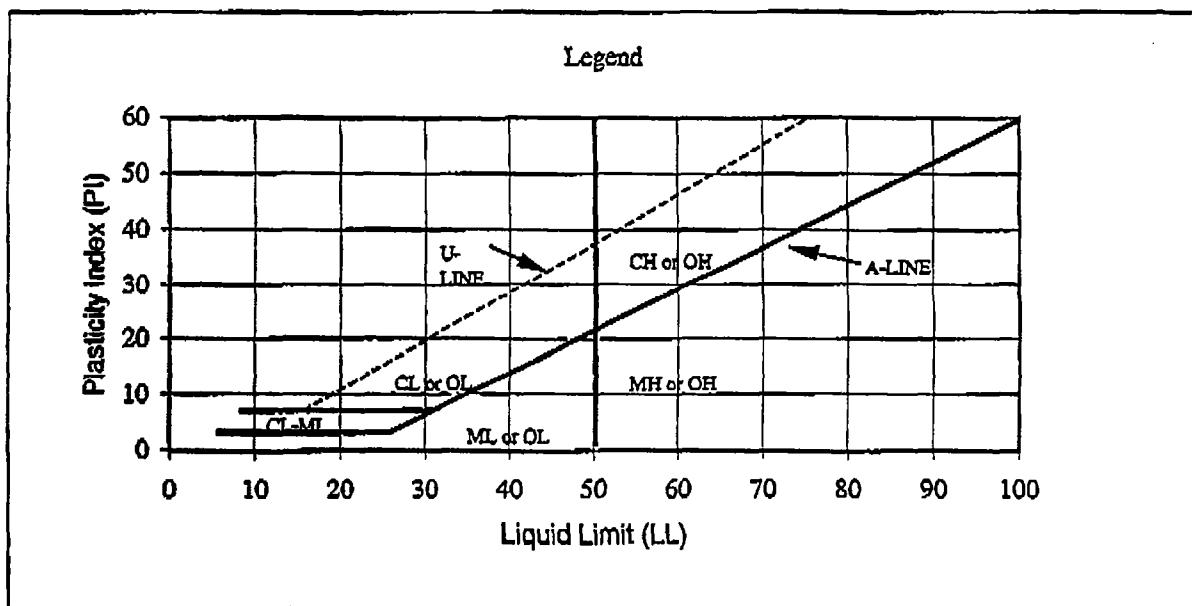
Client:	Volpe Center / CDM
Project Name:	Libby Asbestos Project
Project Location:	Liddy, MT
Project Number:	4000-29258-006.002.FLD

Results

Test Number:	1
Sample Number:	1R-02044
Sample Location:	--
Lab ID Number:	946
Tested By:	SC
Test Date:	10/11/00
Sample Depth (ft):	1.0
As Rec'd Water Cont. (%):	1.3
Liquid Limit (LL)	NP
Plastic Limit (PL)	NP
Plasticity Index (PI)	NP

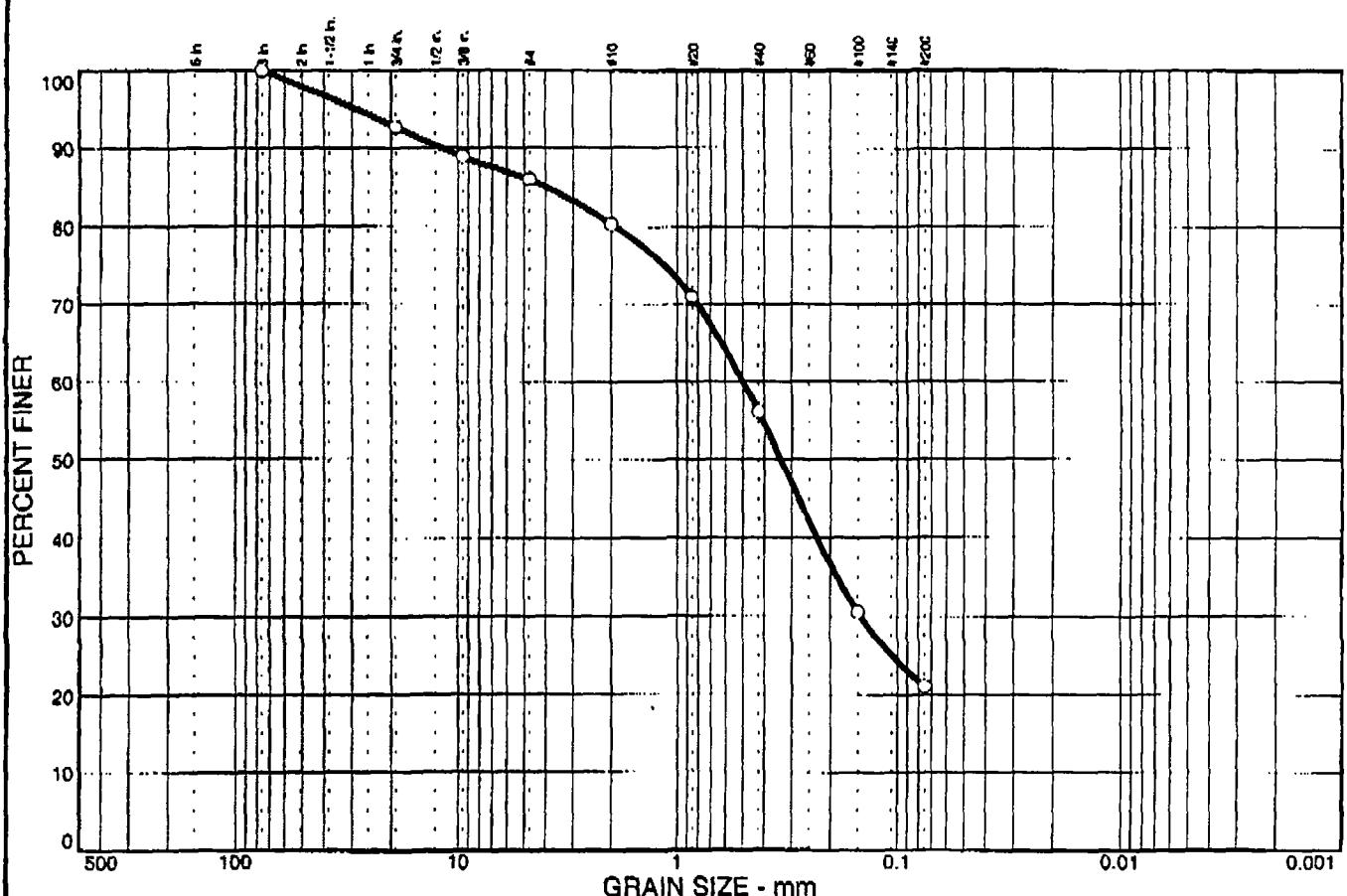
Plasticity Chart

For classification of fine-grained soils and fine-grained fraction of coarse-grained soils.



Reference: ASTM D 2487

PARTICLE SIZE DISTRIBUTION TEST REPORT



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0.0	7.3	6.7	5.7	24.3	35.0	21.0	

SIEVE SIZE	PERCENT FINER	SPEC. ^a PERCENT	PASS? (X=NO)
3	100.0		
3/4	92.7		
3/8	88.9		
#4	86.0		
#10	80.3		
#20	70.9		
#40	56.0		
#100	30.5		
#200	21.0		

^a (no specification provided)

<u>Soil Description</u>		
Silty sand		
PL = ---	<u>Atterberg Limits</u>	LL = --- PI = ---
D ₈₅ = 3.93	D ₆₀ = 0.500	D ₅₀ = 0.338
D ₃₀ = 0.146	D ₁₅ =	D ₁₀ =
C _U =	C _C =	
USCS = SM	Classification	AASHTO = ---
<u>Remarks</u>		
As received moisture content = 6.0%		
Soil description and classification of fine based on visual-manual procedure (ASTM D2488).		

Sample No.: IR-02048

Source of Sample: ---

Date: 10-3-00

Location:

Elev./Depth: 1.0FT

CDM Jessberger

Geotechnical Engineering Laboratory

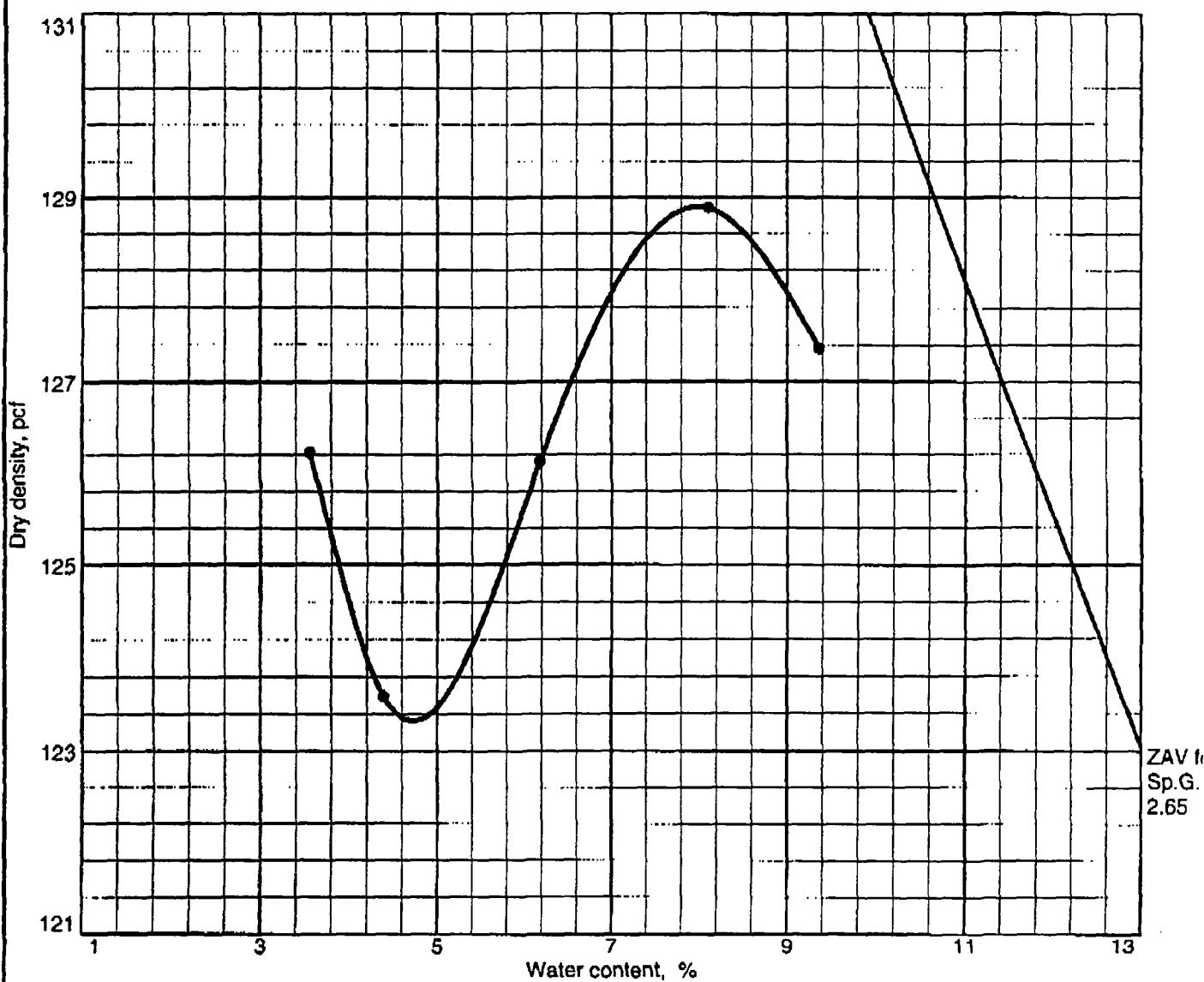
Client: Volpe Center/CDM

Project: Libby Asbestos Project
Libby, MT

Project No: 4000-29258-006.002.FLD

Plate

COMPACTION TEST REPORT



Test specification: ASTM D 1557-91 Procedure A Modified
Oversize correction applied to each point

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > No.4	% < No.200
	USCS	AASHTO						
1.0FT	SM	---	--	2.65	---	---	14.0	21.0

ROCK CORRECTED TEST RESULTS		UNCORRECTED	MATERIAL DESCRIPTION
Maximum dry density = 128.9 pcf		124.4 pcf	Silty sand
Optimum moisture = 8.0 %		8.9 %	

Project No. 4000-29258- Client: Volpe Center/CDM		Remarks: As received moisture content = 6.0% Moist preparation method Specific gravity = 2.65 (assumed) Bulk specific gravity = 2.65
Project: Libby Asbestos Project	Libby, MT	
Source: ---	Sample No.: 1R-02048 Elev./Depth: 1.0FT	
COMPACTION TEST REPORT CDM Jessberger Geotechnical Engineering Laboratory		Plate

**CDM Jessberger
Geotechnical Engineering Laboratory**

Proctor Test Oversize Correction

Water Content and Specific Gravity for Coarse Aggregate (ASTM D4718 and C127)

Client:	Vople Center/CDM	Tested By:	SC
Project Name:	Libby Asbestos Project	Test Date:	10/2/00
Project Location:	Libby, MT	Checked By	AJV
Project Number:	4000-29258-006.002.fld		
Sample Number:	1R-02048		
Sample Depth (ft):	1.0		
Sample Location:	---		
Lab ID Number:			

Moisture Content of Coarse Aggregate			
Sieves	No. 4 - 3/8 in.	3/8 in. - 3/4 in.	3/4 in. - 3 in.
Tare No:	SC2	ACE2	XL2
Wet Wt. of Sample: (lbs)	2.00	2.26	4.22
Dry Wt. of Sample: (lbs)	1.96	2.22	4.18
Wt. of Tare: (lbs)	0.46	0.34	0.50
Wt. of Water: (lbs)	0.04	0.04	0.04
Wt. of Dry Sample: (lbs)	1.50	1.88	3.68
Wt. of Oven-dry washed sample in air (g):	628.10	817.70	1627.60
Moisture Content (%):	2.7	2.1	1.1

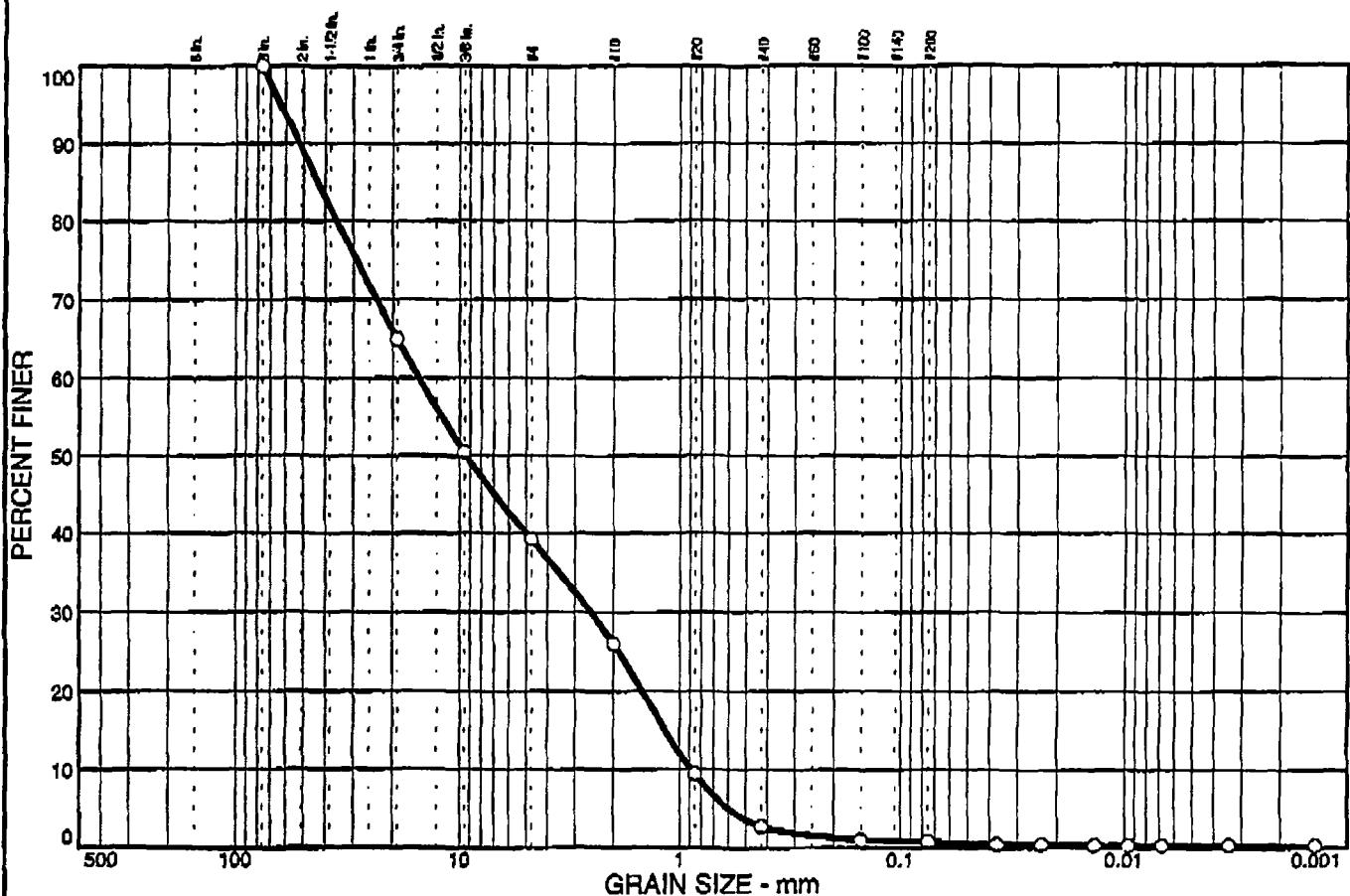
Specific Gravity of Coarse Aggregate			
U.S. Bureau of Standard Sieves	No. 4 - 3/8 in.	3/8 in. - 3/4 in.	3/4 in. - 3 in.
Wt of Saturated-Surface-Dry Sample in air: (g)	642.80	833.10	1638.90
Wt of Saturated Sample in water: (g)	395.70	514.90	1029.40
Wt of Washed Oven-Dry Sample in air: (g)	628.10	817.70	1627.60
Percentage of Total Sample: (%)	20.44	26.61	52.96

Specific Gravity and Absorption Calculations			
Bulk Specific Gravity (Saturated-Surface Dry)	2.60	2.62	2.69
Bulk Specific Gravity	2.54	2.57	2.67
Apparent Specific Gravity	2.70	2.70	2.72
Absorption (%)	2.34	1.88	0.69

Specific Gravity and Absorption Values	
Average Bulk Specific Gravity (SSD)	2.65
Average Bulk Specific Gravity	2.62
Average Apparent Specific Gravity	2.71
Average Absorption Rate (%)	1.35

Proctor Test Oversize Average Bulk Specific Gravity (SSD): 2.65

PARTICLE SIZE DISTRIBUTION TEST REPORT



% COBBLES	% GRAVEL		% SAND		% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT
0.0	35.0	25.8	13.2	23.4	1.8	0.5
						0.3

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3	100.0		
3/4	65.0		
3/8	50.5		
#4	39.2		
#10	26.0		
#20	9.4		
#40	2.6		
#100	1.0		
#200	0.8		

* (no specification provided)

Sample No.: 1R-02541

Source of Sample: —

Date: 10-10-00

Location: —

Elev./Depth: Vary

Soil Description

Poorly graded gravel with sand

Atterberg Limits

PL = NP	LL = NP	PI = NP
D ₈₅ = 43.0	D ₆₀ = 15.2	D ₅₀ = 9.27
D ₃₀ = 2.53	D ₁₅ = 1.16	D ₁₀ = 0.883
C _u = 17.27	C _c = 0.47	

Coefficients

**CDM Jessberger
Geotechnical Engineering Laboratory**

Liquid Limit, Plastic Limit and Plasticity Index of Soils (ASTM D4318)

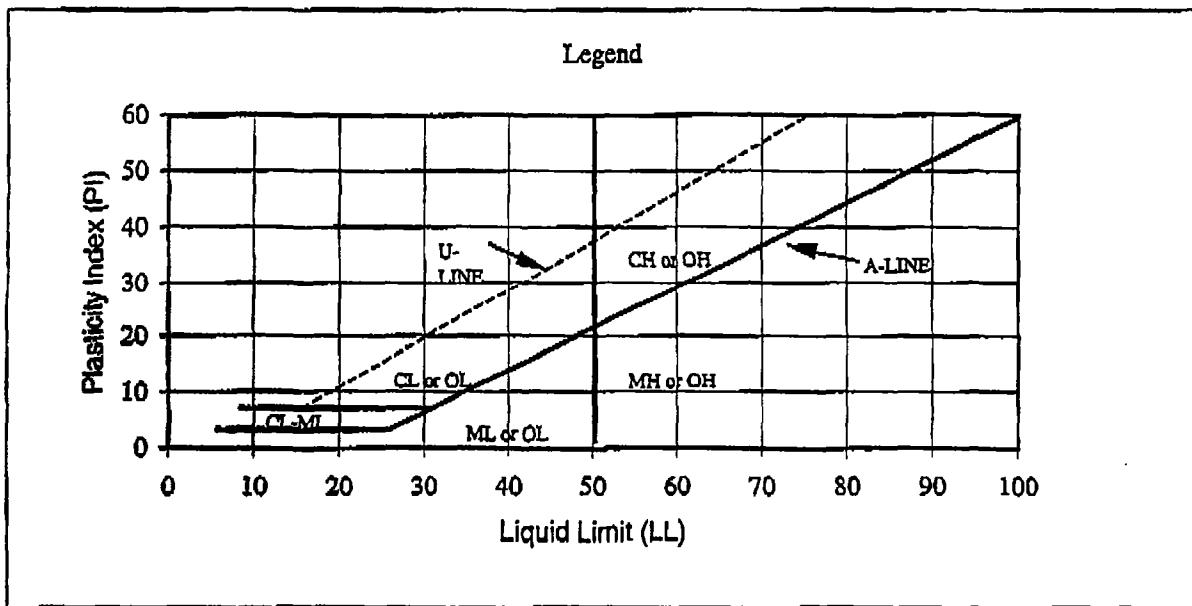
Client: Volpe Center / CDM
Project Name: Libby Asbestos Project
Project Location: Liddy, MT
Project Number: 4000-29258-006.002.FLD

Results

Test Number:	1
Sample Number:	1R-02541
Sample Location:	---
Lab ID Number:	1069
Tested By:	SC
Test Date:	10/12/00
Sample Depth (ft):	Vary
As Rec'd Water Cont. (%):	2.6
Liquid Limit (LL)	NP
Plastic Limit (PL)	NP
Plasticity Index (PI)	NP

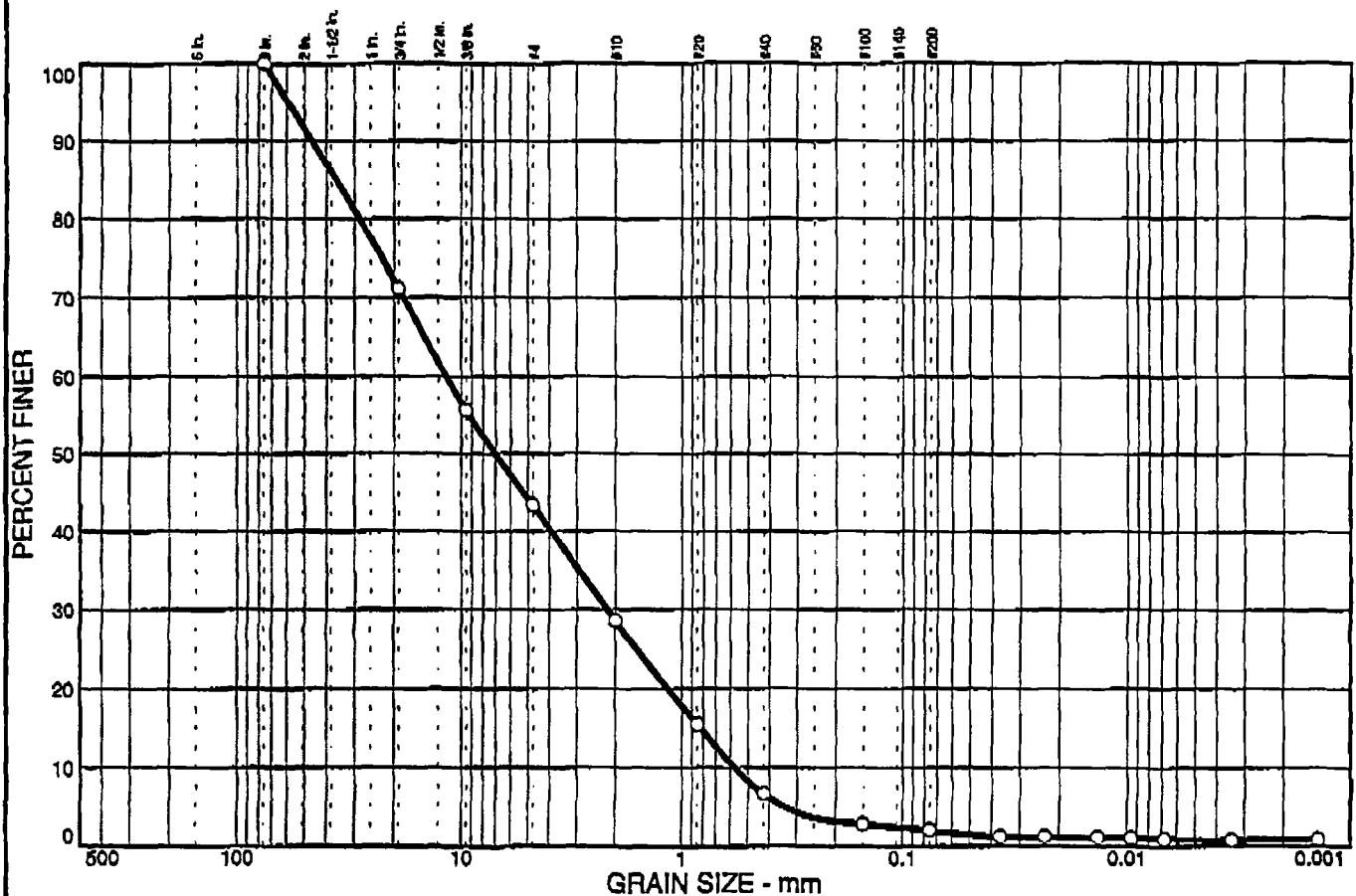
Plasticity Chart

For classification of fine-grained soils and fine-grained fraction of coarse-grained soils.



Reference: ASTM D 2487

PARTICLE SIZE DISTRIBUTION TEST REPORT



% COBBLES	% GRAVEL		% SAND		% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT
0.0	28.8	27.8	14.8	21.9	4.7	1.2
						0.8

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3	100.0		
3/4	71.2		
3/8	55.7		
#4	43.4		
#10	28.6		
#20	15.5		
#40	6.7		
#100	2.8		
#200	2.0		

* (no specification provided)

Soil Description

Poorly graded gravel with sand

Atterberg Limits

PL = NP

LL = NP

PI = NP

Coefficients

D₈₅ = 36.1

D₆₀ = 11.7

D₅₀ = 7.02

D₃₀ = 2.18

D₁₅ = 0.821

D₁₀ = 0.573

C_U = 20.37

C_C = 0.71

Classification

USCS = GP

AASHTO = A-1-a

Remarks

As received moisture content = 4.1%

Sample No.: 1R-02543

Source of Sample: ---

Date: 10-6-00

Location: —

Elev./Depth: Vary

CDM Jessberger

Geotechnical Engineering Laboratory

Client: Volpe Center/CDM

Project: Libby Asbestos Project
Libby, MT

Project No: 4000-29258-006.002.FLD

Plate

**CDM Jessberger
Geotechnical Engineering Laboratory**

Liquid Limit, Plastic Limit and Plasticity Index of Soils (ASTM D4318)

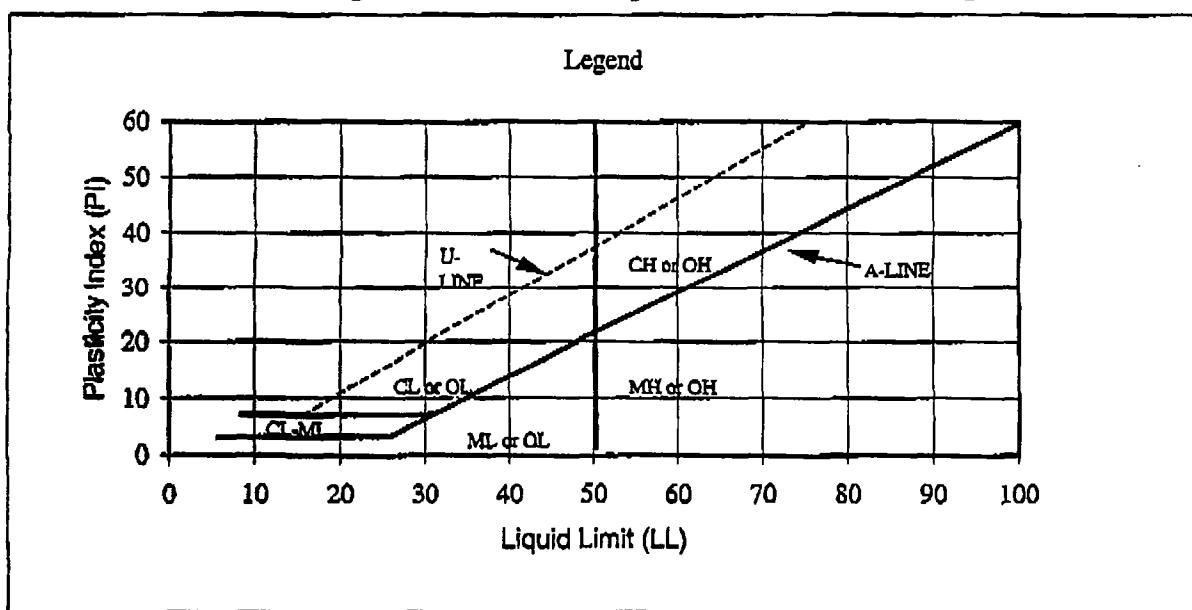
Client: Volpe Center / CDM
Project Name: Libby Asbestos Project
Project Location: Liddy, MT
Project Number: 4000-29258-006.002.FLD

Results

Test Number:	1
Sample Number:	1R-02543
Sample Location:	---
Lab ID Number:	1070
Tested By:	SC
Test Date:	10/12/00
Sample Depth (ft):	Vary
As Rec'd Water Cont. (%):	4.1
Liquid Limit (LL)	NP
Plastic Limit (PL)	NP
Plasticity Index (PI)	NP

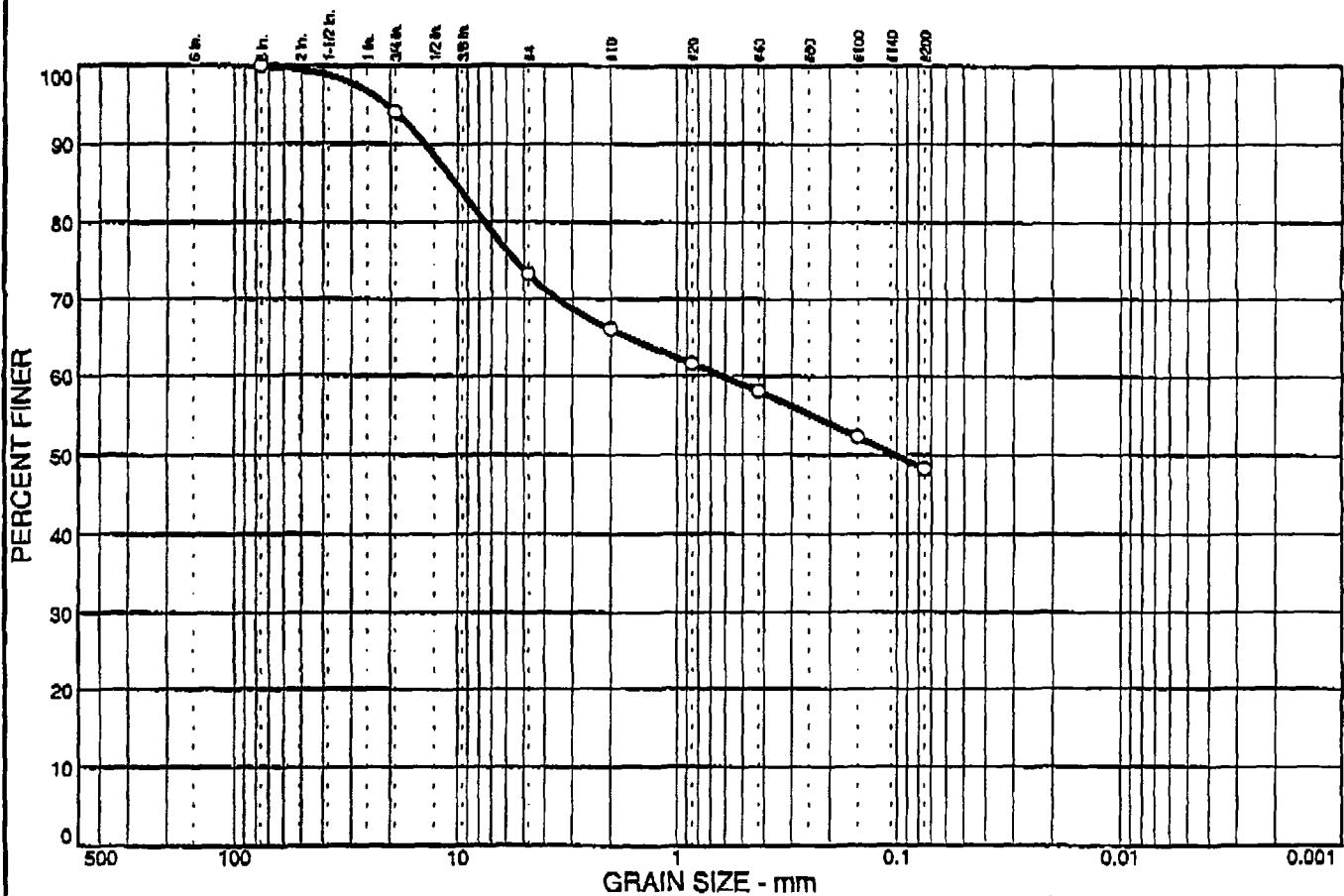
Plasticity Chart

For classification of fine-grained soils and fine-grained fraction of coarse-grained soils.



Reference: ASTM D 2487

PARTICLE SIZE DISTRIBUTION TEST REPORT



% COBBLES	% GRAVEL		% SAND		% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT
0.0	5.9	20.8	7.2	8.0	9.9	48.2

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3	100.0		
3/4	94.1		
#4	73.3		
#10	66.1		
#20	61.6		
#40	58.1		
#100	52.3		
#200	48.2		

* (no specification provided)

Soil Description

Gravelly elastic silt with sand

PL= --- LL= --- PI= ---

Atterberg Limits
 $D_{85}=10.2$ $D_{60}=0.616$ $D_{50}=0.102$
 $D_{30}=$ $D_{15}=$ $D_{10}=$
 $C_u=$ $C_c=$

Coefficients
 $USCS=$ $AASHTO=$

Classification
 $Remarks$
As received moisture content = 3.9%

Sample No.: 1R-02551

Source of Sample: —

Date: 10-6-00

Location:

Elev./Depth:

CDM Jessberger

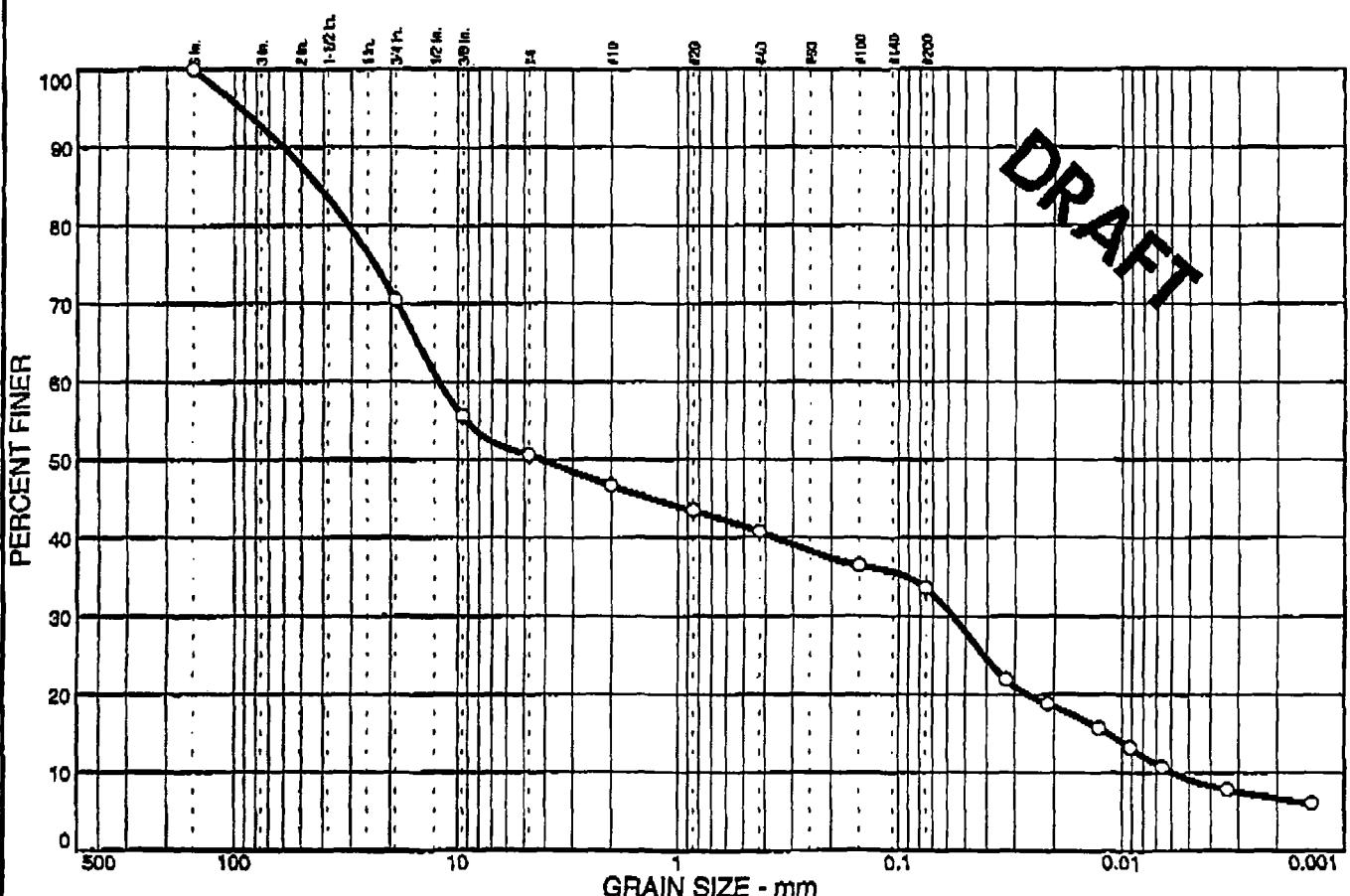
Client: Volpe Center/CDM

Project: Libby Asbestos Project
Libby, MT

Geotechnical Engineering Laboratory

Project No: 4000-29258-006.002.FLD Plate

PARTICLE SIZE DISTRIBUTION TEST REPORT



% COBBLES	% GRAVEL		% SAND		% FINE	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT
7.2	22.3	19.9	3.9	5.9	7.2	24.4
						9.2

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
6	100.0		
3/4	70.5		
3/8	55.6		
#4	50.6		
#10	46.7		
#20	43.5		
#40	40.8		
#100	36.5		
#200	33.6		

(no specification provided)

Soil Description

Silty clayey gravel with sand

Atterberg Limits

PL = 19

LL = 23

PI = 4

Coefficients
 $D_{85} = 41.8$
 $D_{30} = 0.0569$
 $C_u = 2062.65$
 $D_{60} = 12.1$
 $D_{15} = 0.0115$
 $C_c = 0.05$
 $D_{50} = 4.11$
 $D_{10} = 0.0059$
Classification

USCS = GC-GM

AASHTO = A-4(0)

Remarks

As received moisture content = 4.1%

Sample No.: 1R-02600

Source of Sample: —

Date: 10-17-00

Location: (NIXON 3)

Elev./Depth: 1-7FT

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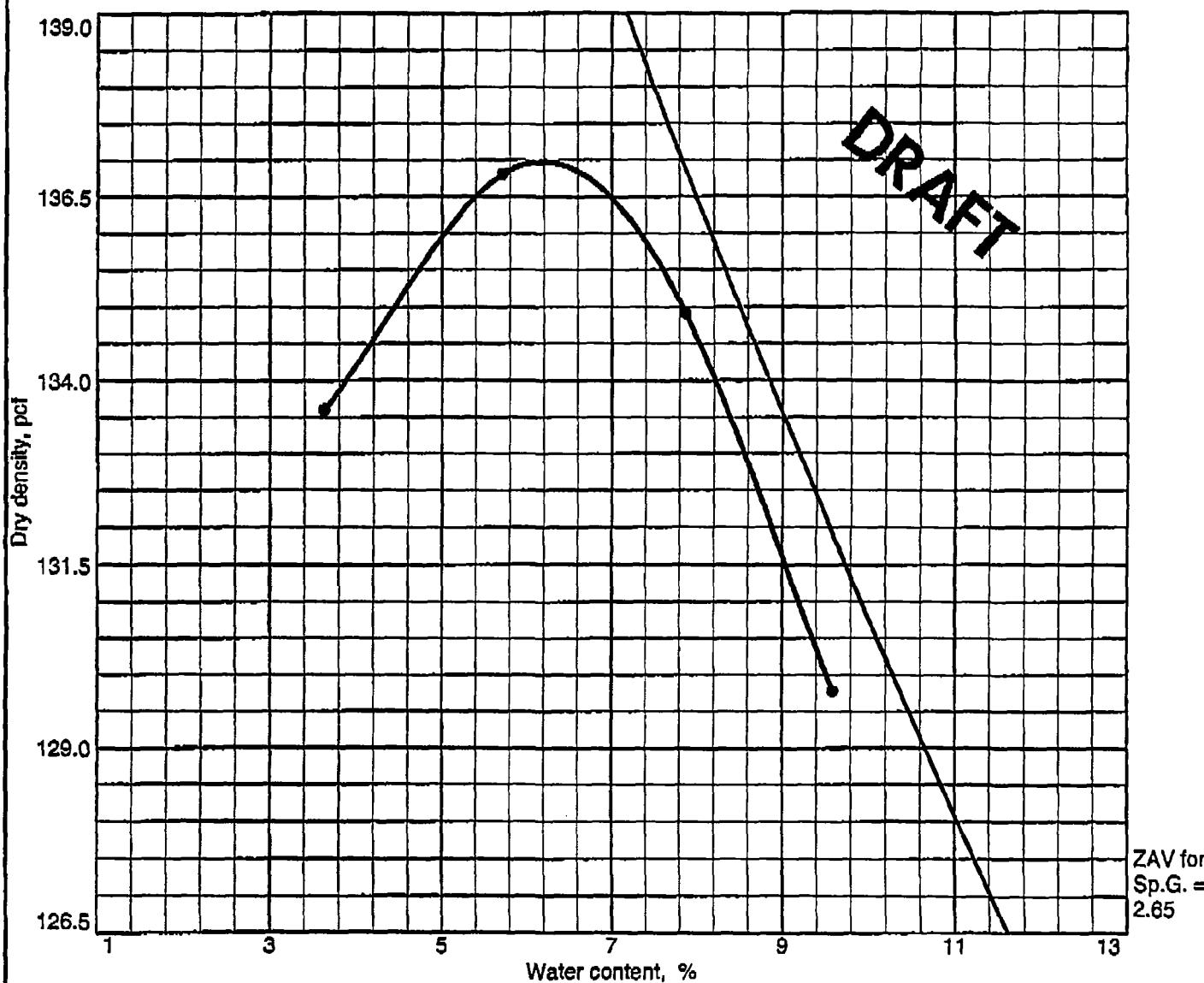
Client: Volvo Center/CDM

Project: Libby Asbestos Project
Libby, MT

Project No: 4000-29258-006.002.RLD

Plate

COMPACTION TEST REPORT



Test specification: ASTM D 1557-91 Procedure C Modified
Oversize correction applied to each point

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.20I
	USCS	AASHTO						
	GC-GM	A-4(0)	---	2.65	23	4	29.5	33.6

ROCK CORRECTED TEST RESULTS		UNCORRECTED	MATERIAL DESCRIPTION
Maximum dry density = 137.0 pcf		128.4 pcf	Silty clayey gravel with sand
Optimum moisture = 6.2 %		7.7 %	
Project No. 4000-29258- Client: Volpe Center/CDM			Remarks:
Project: Libby Asbestos Project			As received moisture content = 4.1%
Libby, MT			Moist preparation method
Source: --			Specific gravity of fines = 2.65 (assumed)
Sample No.: 1R-02600(NIXION 3)			Bulk Specific gravity(SSD) = 2.61

COMPACTION TEST REPORT

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Plate

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Liquid Limit, Plastic Limit and Plasticity Index of Soils (ASTM D4318)

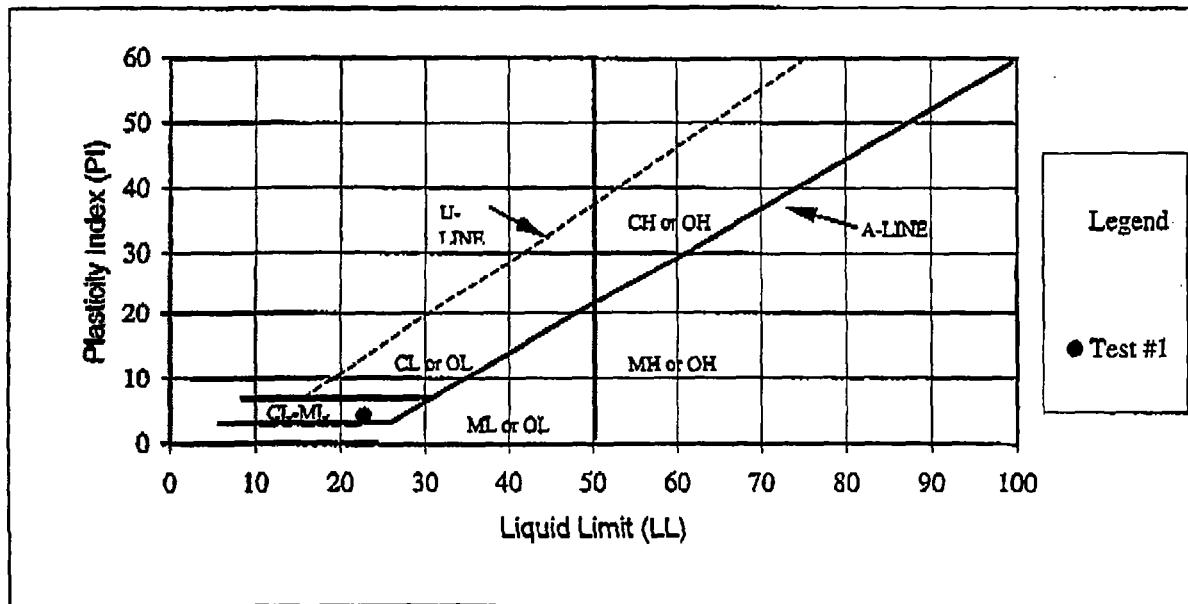
Client:	Volpe Center / CDM
Project Name:	Libby Asbestos Project
Project Location:	Liddy, MT
Project Number:	4000-29258-006.002.FLD

Results

Test Number:	1
Sample Number:	1R-02600
Sample Location:	(Nixon 3)
Lab ID Number:	1105
Tested By:	SC
Test Date:	10/16/00
Sample Depth (ft):	1.0
As Rec'd Water Cont. (%):	4.1
Liquid Limit (LL)	23
Plastic Limit (PL)	19
Plasticity Index (PI)	4

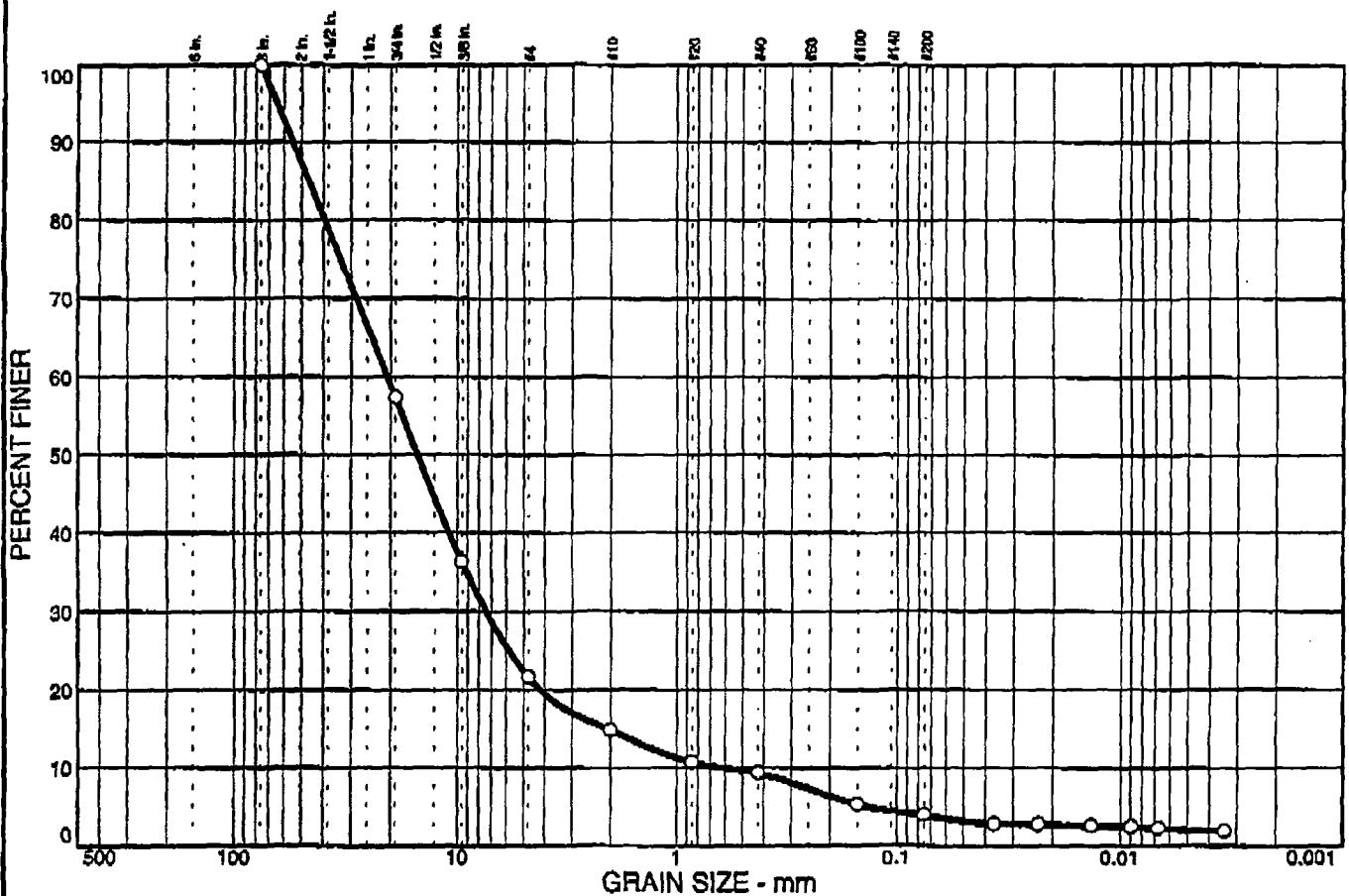
Plasticity Chart

For classification of fine-grained soils and fine-grained fraction of coarse-grained soils.



Reference: ASTM D 2487

PARTICLE SIZE DISTRIBUTION TEST REPORT



% COBBLES	% GRAVEL		% SAND		% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT
0.0	42.6	35.7	6.9	5.4	5.5	1.8
						2.1

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3	100.0		
3/4	57.4		
3/8	36.3		
#4	21.7		
#10	14.8		
#20	10.7		
#40	9.4		
#100	5.3		
#200	3.9		

(* no specification provided)

Soil Description

Poorly graded gravel with sand

Atterberg Limits

PL = NP

LL = NP

PI = NP

Coefficients

D₈₅ = 46.4

D₃₀ = 7.41

C_u = 34.96

D₅₀ = 15.1

D₁₀ = 0.592

Classification

USCS = GP

AASHTO = A-1-a

Remarks

As received moisture content = 1.3%

Sample No.: 1R-02684

Source of Sample: ---

Date: 10-17-00

Location:

Elev./Depth: 1-4.5FT

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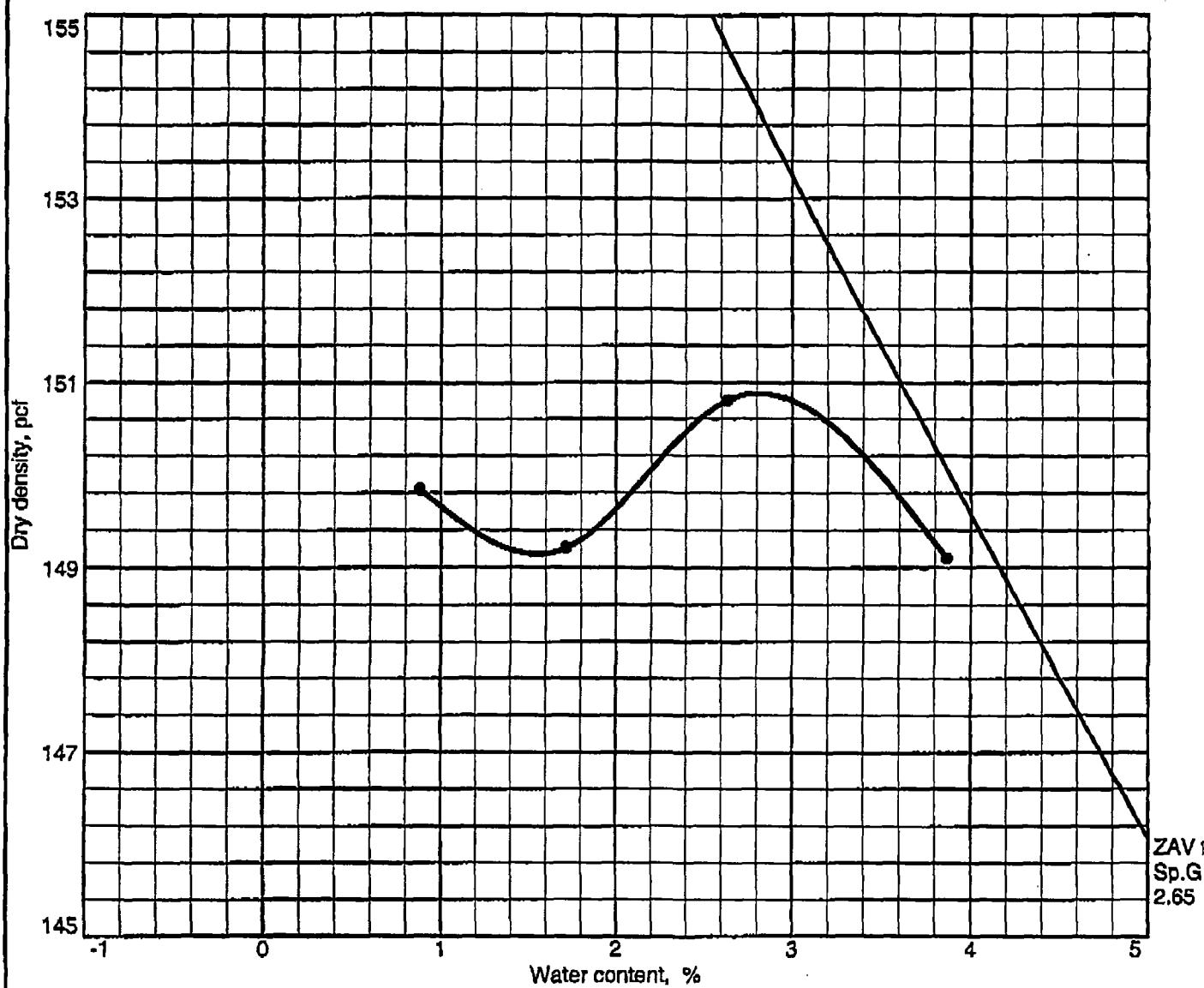
Client: Volpe Center/CDM

Project: Libby Asbestos Project
Libby, MT

Geotechnical Engineering Laboratory

Project No: 4000-29258-006.002.FLD Plate

COMPACTION TEST REPORT



Test specification: ASTM D 1557-91 Procedure C Modified
Oversize correction applied to each point

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.20
	USCS	AASHTO						
1-4.5FT	QP	A-1-a	--	2.65	NP	NP	42.6	3.9

ROCK CORRECTED TEST RESULTS		UNCORRECTED	MATERIAL DESCRIPTION
Maximum dry density = 150.9 pcf		141.3 pcf	Poorly graded gravel with sand
Optimum moisture = 2.8 %		4.6 %	
Project No. 4000-29258- Client: Volpe Center/CDM Project: Libby Asbestos Project Libby, MT Source: --			Remarks: As received moisture content = 1.3% Moist preparation method Specific gravity of fines = 2.65(assumed) Bulk specific gravity = 2.66
Sample No.: 1R-02684 Elev./Depth: 1-4.5FT COMPACTION TEST REPORT CDM Jessberger Geotechnical Engineering Laboratory			Plate

**CDM Jessberger
Geotechnical Engineering Laboratory**

Liquid Limit, Plastic Limit and Plasticity Index of Soils (ASTM D4318)

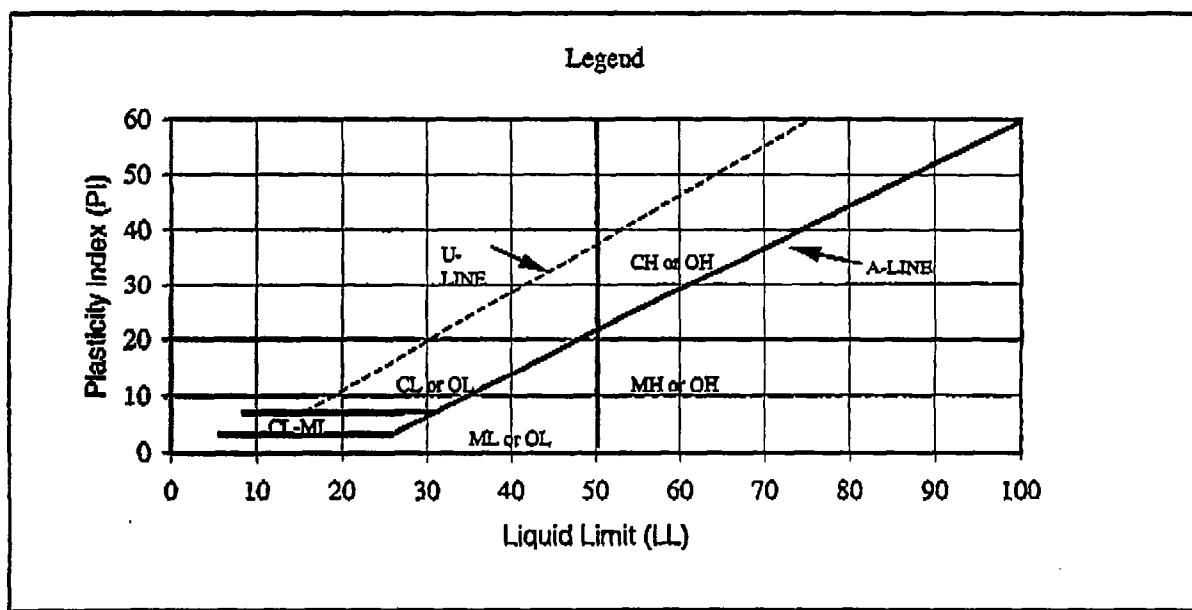
Client:	Volpe Center / CDM
Project Name:	Libby Asbestos Project
Project Location:	Liddy, MT
Project Number:	4000-29258-006.002.FLD

Results

Test Number:	1
Sample Number:	1R-02684
Sample Location:	--
Lab ID Number:	1102
Tested By:	SC
Test Date:	10/16/00
Sample Depth (ft):	1-45
As Rec'd Water Cont. (%):	1.3
Liquid Limit (LL)	NP
Plastic Limit (PL)	NP
Plasticity Index (PI)	NP

Plasticity Chart

For classification of fine-grained soils and fine-grained fraction of coarse-grained soils.



Reference: ASTM D 2487

**CDM Jessberger
Geotechnical Engineering Laboratory**

**Proctor Test Oversize Correction
Water Content and Specific Gravity for Coarse Aggregate (ASTM D4718 and C127)**

Client:	Vopel Center/CDM	Tested By:	SC
Project Name:	Libby Asbestos Project	Test Date:	10/19/00
Project Location:	Libby, MT	Checked By	AJV
Project Number:	4000-29258-006.002.FLD		
Sample Number:	1R-02684		
Sample Depth (ft):	1-45		
Sample Location:	(Plum Creek)		
Lab ID Number:	1102		

Moisture Content of Coarse Aggregate			
Sieves	No. 4 - 3/8 in.	3/8 in. - 3/4 in.	3/4 in.+
Tare No:	---	---	X
Wet Wt. of Sample: (lbs)	---	---	32.84
Dry Wt. of Sample: (lbs)	---	---	32.70
Wt. of Tare: (lbs)	---	---	1.36
Wt. of Water: (lbs)	---	---	0.14
Wt. of Dry Sample: (lbs)	---	---	31.34
Wt. of Oven-dry washed sample in air (g):	---	---	14118.70
Moisture Content (%):	---	---	0.4

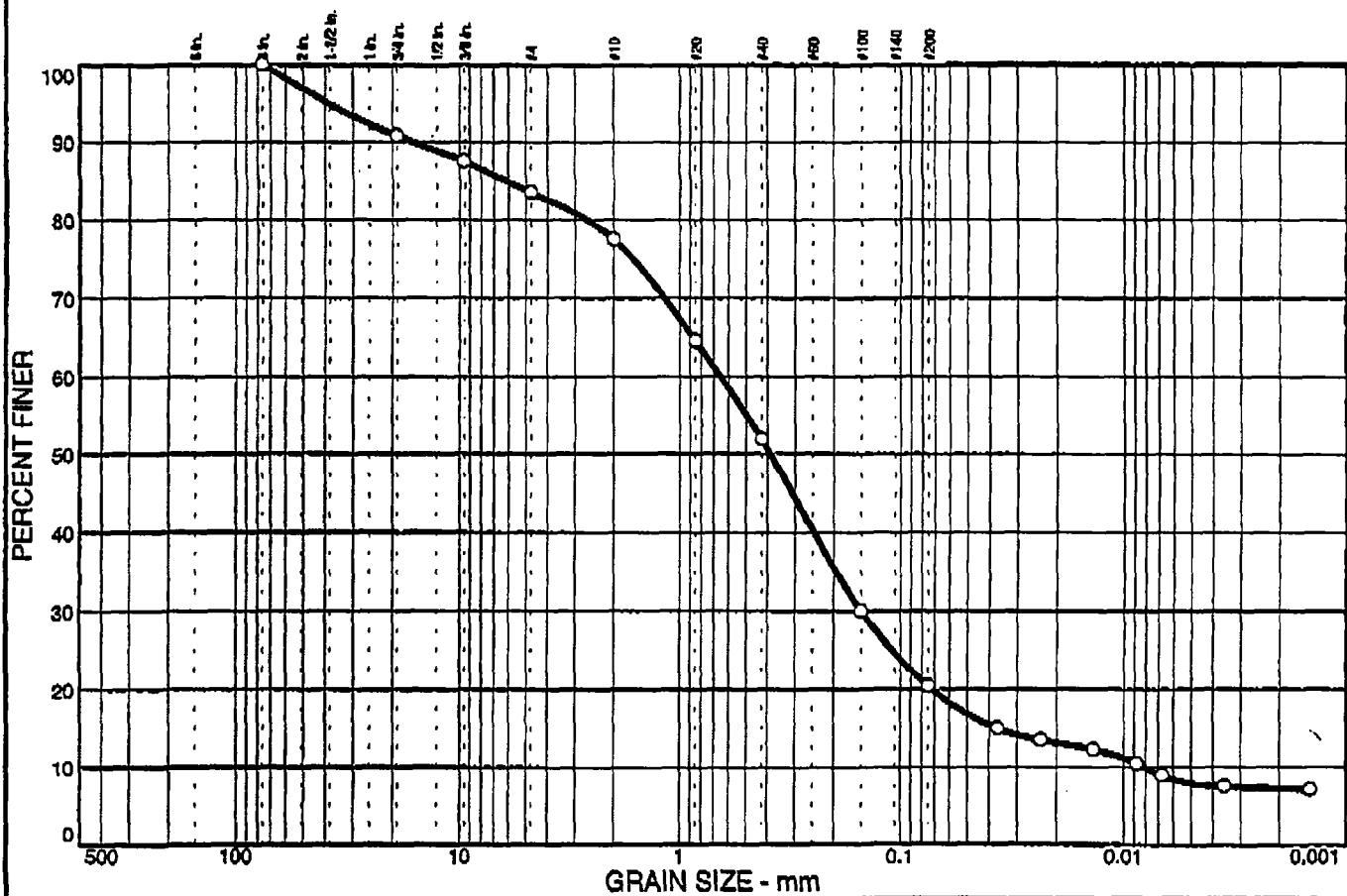
Specific Gravity of Coarse Aggregate			
U.S. Bureau of Standard Sieves	No. 4 - 3/8 in.	3/8 in. - 3/4 in.	3/4 in. - 3 in.
Wt of Saturated-Surface-Dry Sample in air: (g)	---	---	14304.50
Wt of Saturated Sample in water: (g)	---	---	8932.30
Wt of Washed Oven-Dry Sample in air: (g)	---	---	14118.70
Percentage of Total Sample: (%)	---	---	100.00

Specific Gravity and Absorption Calculations			
Bulk Specific Gravity (Saturated-Surface Dry)	---	---	2.66
Bulk Specific Gravity	---	---	2.63
Apparent Specific Gravity	---	---	2.72
Absorption (%)	---	---	1.32

Specific Gravity and Absorption Values	
Average Bulk Specific Gravity (SSD)	2.66
Average Bulk Specific Gravity	2.63
Average Apparent Specific Gravity	2.72
Average Absorption Rate (%)	1.32

Proctor Test Oversize Average Bulk Specific Gravity (SSD): **2.66**

PARTICLE SIZE DISTRIBUTION TEST REPORT



% COBBLES	% GRAVEL		% SAND		% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT
0.0	9.2	7.2	6.0	25.7	31.4	12.5
						8.0

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3	100.0		
3/4	90.8		
3/8	87.6		
#4	83.6		
#10	77.6		
#20	64.6		
#40	51.9		
#100	30.0		
#200	20.5		

(no specification provided)

Sample No.: 1R-02687

Source of Sample: —

Date: 10-20-00

Location:

Elev./Depth: 0-25FT

Soil Description

Silty sand with gravel

Atterberg Limits

PL= NP

LL= NP

Pl= NP

 $D_{85}= 6.04$
 $D_{30}= 0.150$
 $C_u= 81.46$
 $D_{60}= 0.653$
 $D_{15}= 0.0367$
 $C_c= 4.30$
 $D_{50}= 0.388$
 $D_{10}= 0.0080$
Classification
USCS= SM

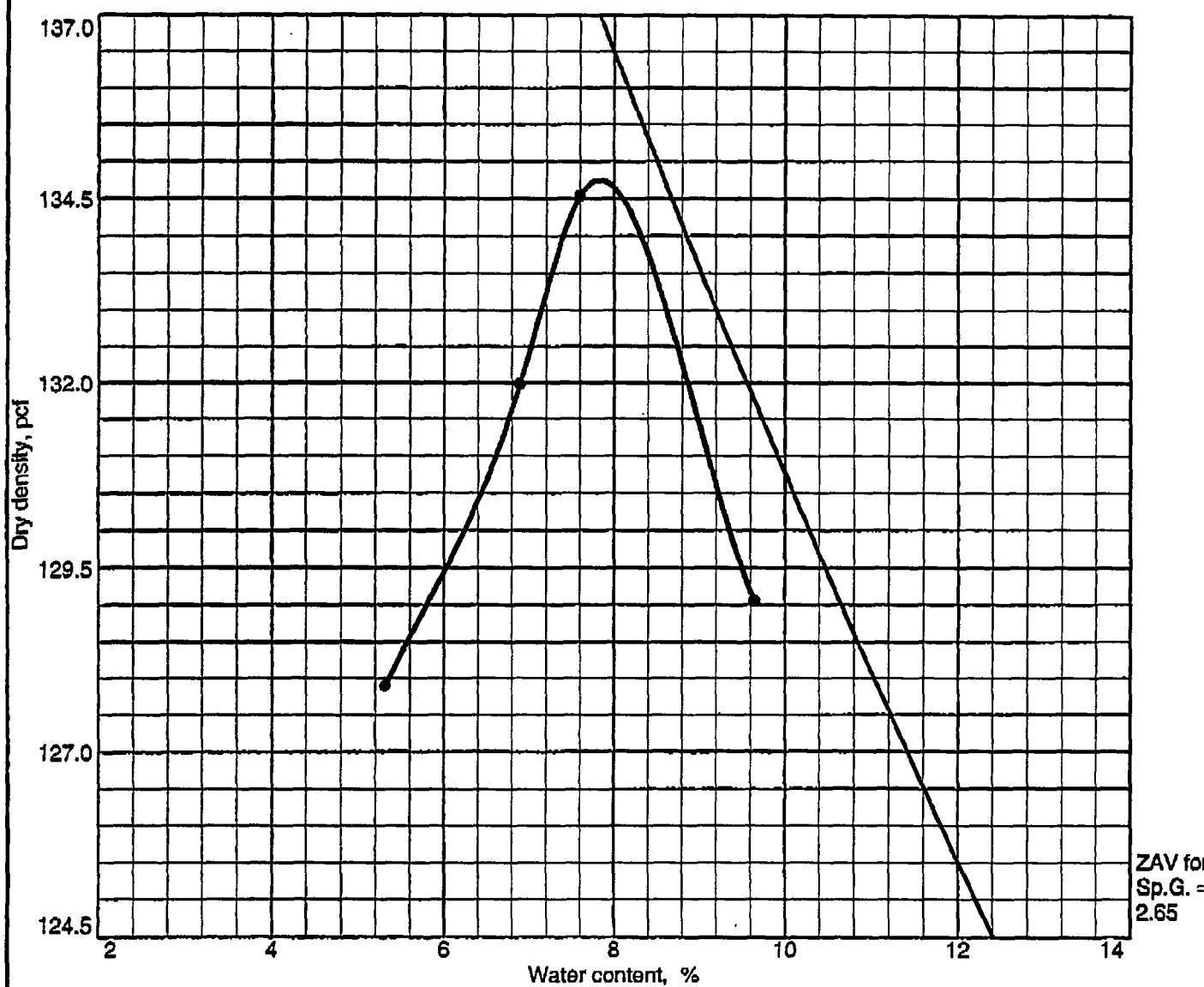
AASHTO= A-2-4(0)

Remarks
As received moisture content = 1.1%

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Geotechnical Engineering Laboratory

Client: Volpe Center/CDM
Project: Libby Asbestos Project
Libby, MT
Project No: 4000-29258-006.002.FLD
Plate

COMPACTION TEST REPORT



Test specification: ASTM D 1557-91 Procedure A Modified
Oversize correction applied to each point

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > No.4	% < No.20
	USCS	AASHTO						
0-25FT	SM	A-2-4(0)	--	2.65	NP	NP	16.4	20.5

ROCK CORRECTED TEST RESULTS	UNCORRECTED	MATERIAL DESCRIPTION
Maximum dry density = 134.8 pcf	130.2 pcf	Silty sand with gravel
Optimum moisture = 7.8 %	9.2 %	

Project No. 4000-29258- Client: Volpe Center/CDM Project: Libby Asbestos Project Libby, MT • Source: --- Sample No.: 1R-02687 Elev./Depth: 0-25FT		Remarks: As received moisture content = 1.1% Moist preparation content Specific gravity of fines = 2.65 (assumed) Bulk specific gravity = 2.63
COMPACTATION TEST REPORT CDM Jessberger Geotechnical Engineering Laboratory		Plate

CDM Jessberger
Geotechnical Engineering Laboratory

Liquid Limit, Plastic Limit and Plasticity Index of Soils (ASTM D4318)

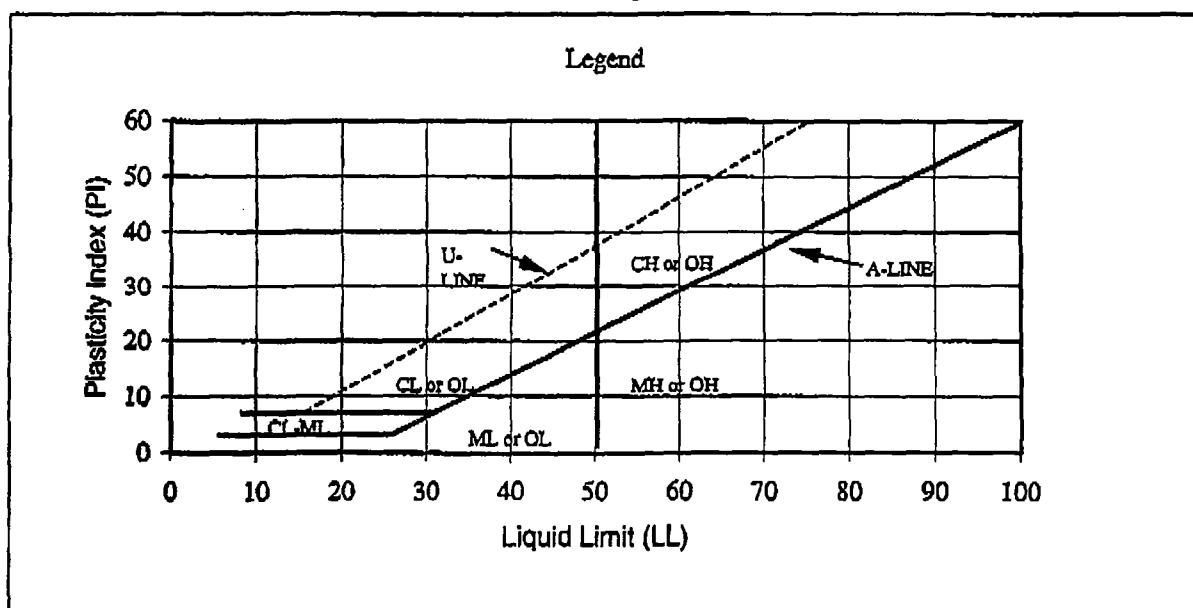
Client:	Volpe Center / CDM
Project Name:	Libby Asbestos Project
Project Location:	Liddy, MT
Project Number:	4000-29258-006.002.FLD

Results

Test Number:	1
Sample Number:	1R-02687
Sample Location:	--
Lab ID Number:	1103
Tested By:	SC
Test Date:	10/19/00
Sample Depth (ft):	0-25
As Rec'd Water Cont. (%):	1.1
Liquid Limit (LL)	NP
Plastic Limit (PL)	NP
Plasticity Index (PI)	NP

Plasticity Chart

For classification of fine-grained soils and fine-grained fraction of coarse-grained soils.



Reference: ASTM D 2487

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Proctor Test Oversize Correction

Water Content and Specific Gravity for Coarse Aggregate (ASTM D4718 and C127)

Client:	Vople Center/CDM	Tested By:	SC
Project Name:	Libby Asbestos Project	Test Date:	10/19/00
Project Location:	Libby, MT	Checked By:	JMM
Project Number:	4000-29258-006.002.fld		
Sample Number:	1R-02687		
Sample Depth:	0-25		
Sample Location:	---		
Lab ID Number:	1103		

Moisture Content of Coarse Aggregate			
Sieves	No. 4 - 3/8 in.	3/8 in. - 3/4 in.	3/4 in. - 3 in.
Tare No:	ML	DH	XX
Wet Wt. of Sample: (lbs)	2.84	2.36	6.08
Dry Wt. of Sample: (lbs)	2.82	2.36	6.08
Wt. of Tare: (lbs)	0.40	0.44	0.44
Wt. of Water: (lbs)	0.02	0.00	0.00
Wt. of Dry Sample: (lbs)	3.00	3.00	5.64
Wt. of Oven-dry washed sample in air (g):	1001.20	836.90	2527.10
Moisture Content (%):	0.67	0.00	0.00

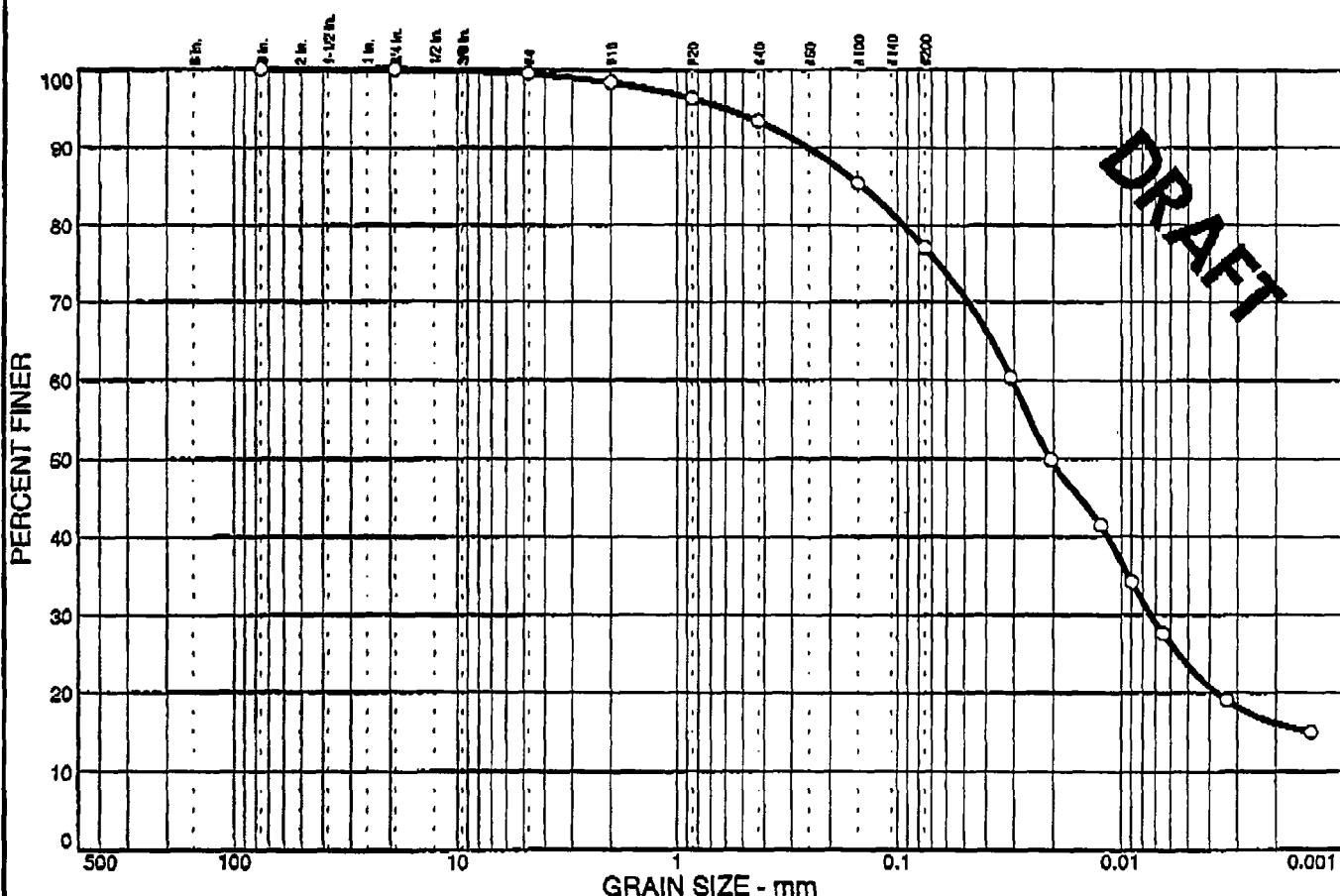
Specific Gravity of Coarse Aggregate			
U.S. Bureau of Standard Sieves	No. 4 - 3/8 in.	3/8 in. - 3/4 in.	3/4 in. - 3 in.
Wt of Saturated-Surface-Dry Sample in air: (g)	1023.80	851.20	2553.80
Wt of Saturated Sample in water: (g)	628.70	526.00	1592.90
Wt of Washed Oven-Dry Sample in air: (g)	1001.20	836.90	2527.10
Percentage of Total Sample: (%)	22.94	19.17	57.89

Specific Gravity and Absorption Calculations			
Bulk Specific Gravity (Saturated-Surface Dry)	2.59	2.62	2.66
Bulk Specific Gravity	2.53	2.57	2.63
Apparent Specific Gravity	2.69	2.69	2.71
Absorption (%)	2.26	1.71	1.06

Specific Gravity and Absorption Values			
Average Bulk Specific Gravity (SSD)	2.63		
Average Bulk Specific Gravity	2.60		
Average Apparent Specific Gravity	2.70		
Average Absorption Rate (%)	1.46		

Proctor Test Oversize Average Bulk Specific Gravity (SSD): 2.63

PARTICLE SIZE DISTRIBUTION TEST REPORT



% COBBLES	% GRAVEL		% SAND		% FINES		
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0.0	0.0	0.5	1.1	5.0	16.3	53.6	23.5

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3	100.0		
3/4	100.0		
#4	99.5		
#10	98.4		
#20	96.3		
#40	93.4		
#100	85.5		
#200	77.1		

* (no specification provided)

Sample No.: 1R-02691

Source of Sample: --

Date: 10-13-00

Location: ---

Elev./Depth: 5.5-6.0FT

Soil Description

PL=

Atterberg Limits

LL=

PI=

D₈₅= 0.143
D₃₀= 0.0074
C_u=

D₆₀= 0.0305
D₁₅= 0.0014
C_c=

D₅₀= 0.0207
D₁₀=

USCS=

Classification

AASHTO=

Remarks

As received moisture content = 13.8%

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Geotechnical Engineering Laboratory

Client: Volpe Center/CDM
Project: Libby Asbestos Project
Libby, MT
Project No: 4000-29258-006.002.FLD Plate